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A. H. Yu

1980-1991

Catalogue

Taiwan
California

A. H. Yu

1980-1986 (part)

Catalogue #B1-B29

Taiwan

Alex Hon-Tsen Yu

B1 - B29 Deposited in MVZ

動物學系
Zoology Department, National Taiwan University, 台大
(in the garden) Taipei, Taiwan

1 Dec. 1980 skull only ?sex
B1 Suncus murinus

~~1981~~

溪頭
Chitou, Luku Township, Nantou Co., Taiwan 9.9gm

1981 B2 ~~198~~ skull only
♀ Mogera wogura mammae-tissue swollen placental scars 6 2 r 1 HB 121 TI 16.10 HF 20.20 = 7°g

鴛鴦湖
Yuan-Yang Lake, Hsinchu Co., Taiwan

eb. 1981 skull only
B3 ♂ Niviventer confucianus vgina closed HB 132 TI 180 HF 33.45 Ear 26.95 = 54 g 11.9gm

阿里山
Ali Mt., Chiayi Co., Taiwan 2300m. 2.3gm

30 Aug. 1981 skull only
B4 ? Apodemus semotus .6gm

1 Sept. 1981 skull only 2.2gm
B5 ? Apodemus semotus 8.1gm
skull only
B6 ? Apodemus semotus ?.1gm

B7 skull only
30 Aug. 1981 ? Anourosorex squamipes + mis. ft.

Chiu-She, Kung-Liao Township, Taipei Co., Taiwan
鳶社, 貢寮鄉, 台北縣 61.9gm

April 1981 skull only 7.1gm
B8 ♂ Bandicota indica 2.4gm
skull only
B9 ♂ Bandicota indica 9gm
skull only
B10 ♂ Bandicota indica 19.5gm

Alex Hon-Tsen Yu

B1 - B29 Deposited in MVZ

Chiu-she, Kung-Liao Township, Taipei Co., Taiwan
舊社 貢寮鄉 台北縣

April 1981

B11 ♂ skull only Bandicota indica

B12 ♀ skull only Bandicota indica 9.9gm

Wu-Shan-Tou, Liu-chia Township, Tainan Co.,
Taiwan 烏山頭, 六甲鄉, 台南縣

9 July 1981

B13 ♀ skull only Bandicota indica

Wen-Shou-Keng, Kung-Liao Township, Taipei Co., 11.9gm
Taiwan 文秀坑, 貢寮鄉, 台北縣 2.3gm

Oct. 1981

B14 ♀ skull only Melogale moshata multiparium 230-135-55-27.4=530g

B15 ♂ skull only Melogale moshata left epididymis = 0.2535g 390-140-62-33.6=990g 6gm
left testis = 1.2864g 2.2gm

Shi-Tou, Lu-ku Township, Nanto Co., Taiwan 8.1gm
溪頭 鹿谷鄉 南投縣 7.1gm

1981

B16 ? skull only Melogale moshata tail

B17 ? skull only Viverricula indica 1ft.

Chiu-she, Kung-Liao Township, Taipei Co., Taiwan 61.9gm
舊社 貢寮鄉 台北縣 7.1gm

15 July 1981

B18 ? skull only Crocidura attenuata DOR 2.4gm
9gm
19.5gm

Alex Hon-Tsen Yu

B1 - B29 Deposited in MVZ

Pa-Jung-Kuan, Hsin-I Township, Nan-Tou Co., Taiwan.,
八通關，信義鄉，南投縣

1981
B19 ♀ skull only Capricornis crispus pick-up

April 1982 B20 ♂ Macaca cyclopis atlas, 2nd & 3rd vertebrae only 9.9gm

溪頭 鹿谷鄉 南投縣
Chi-Tou, Lu-Ku Township, Nan-Tou Co., Taiwan

9 Dec. 1982
B21 ♂ skull only Paguma larvata shot 2.56kg

Feb. 1983
B22 ♀ skull only Herpestes urva snap trapped 11.9gm

6 April 1983
B23 ♀ adult skull only Crocidura sp. DOR 2.3gm

1984
B24 ♀ ~~skull only~~ nulliparous Chimarogale himalayica DOR HB TL Hf 89.20-92.05-23.80 6gm

2.2gm

台南機場
Tainan Air Base, Tainan City, Taiwan, 10m 8.1gm

7.1gm

13 Sept. 1984
B25 ♂ Lepus sinensis HB TL Hf Ear ×050-50-95-69=1.35kg

B26 ♀ skin only Lepus sinensis HB TL Hf Ear 3900-41-99-68=1.15kg + mis. ft.

綠島
Green Island, Taiwan

18 July 1986
B27 ♂ Body in fluid Pteropus dasymallus HB Hf Ear FA WS 230-X-55-30-190-920=375g 61.9gm 7.1gm

2.4gm

B Taiwan 9gm

date?
B28 ? young Sus scrofa 19.5gm

Alex Hon-Tsen Yu

B 1 - B 29 Deposited in MVZ

Taiwan

date? B29 Manis pentadactylus

9.9gm

11.9gm

2.3gm

.6gm

2.2gm

8.1gm

9.1gm

t mis.

ft.

61.9gm

7.1gm

2.4gm

9gm

19.5gm

A. H. Yu

1986 (part)

Catalogue # 1 - 22

Hastings Natural History Reserve,
California

Yu, Alex Hon-Isen
, 986

Catalog

Hastings Natural History Res., Monterey Co.,
1800 ft. Calif.
23 Aug. killed 27 Aug. collected
by D. O. Ribble

0001 ♀ Peromyscus boylii nullip. 18-95-20-17: 19.9gm

0001-0020 in Dept. of Zool., UC Berkeley

1.3 km. NE Sagehen Creek Field Station, 6340 ft.
Nevada Co., Calif.

12 Sept. 1986

0002 ♀† Peromyscus maniculatus vag. closed, nullip. 136-57-19-16 = 11.9gm

0003 ♂ Peromyscus maniculatus testes ab. 3x1 mm. 143-59-19-16 = 12.3gm

13 Sept. 1986

0004 ♀† Sorex trowbridgei vag. opened, pelvic op. 85-32-11-6 = 4.6gm

0005 ♀† Zapus princeps nullip. vag. op. 175-99-25-12 = 22.2gm

0006 ♂ Peromyscus maniculatus testes ab. 4x2 mm 157-66-21-16 = 18.1gm

0007 ♀† " " ~~testes ab. 4x2 mm~~ vag. closed, nullip. 151-67-20-17 = 19.1gm

1.6 mi. N. 0.7 mi E Chilcoot, Plumas Co.,
Calif. 5200 ft. (#0008).; 1.6 mi. N. 1.4 mi.
E. Chilcoot, Plumas Co., Calif. 5400 ft.
(#9 ~ #20) 14 Sep. 1986

0008 ♂ Dipodomys ordii testes ab. 4x2 mm. 214-121-44-12 = 61.9gm

0009 ♀ Peromyscus maniculatus vag. ~~op.~~ closed nullip 152-64-21-17 = 17.1gm

0010 ♂♀ Peromyscus boylii ~~vag. op. pelvic slightly open~~ testes ab. 4x2 mm 198-95-22-18 = 22.4gm

0011 ♂♀ Peromyscus boylii ~~vag. op.~~ testes ab. 4x2 m.m. 210-100-24-19 = 24.9gm

0012 ♂ Peromyscus maniculatus testes ab. 3x2 mm 154-64-21-19 = 19.5gm

Yu, Alex Hon-Tsen

1986

Catalog

0013	♂	*Peromyscus maniculatus*	testes ab. 4×2 mm	153-66-20-16 = 16.2 gm
0014	♂	*Peromyscus maniculatus*	testes ab. 3×2 mm	161-65-21-16 = 19.3 gm
0015	♀	*Perognathus parvus*	parous, with placental scars vag. closed	162-81-23-10 = 15.3 gm
0016	♀	*Peromyscus boylii*	nullip. vag. closed.	194-95-23-20 = 25.6 gm
0017	♂	*Peromyscus maniculatus*	testes ab.	154-64-21-16 = 19.3 gm
0018	♂	*Peromyscus boylii*	testes ab. 4×2 mm.	191-91 broken tail-23-20 = 23.7 gm
0019	♂	*Peromyscus maniculatus*	testes ab. 4×2 mm.	155-65-20-18 = 16.5 gm
0020	♂	*Peromyscus maniculatus*	testes ab. 4×2 mm.	150-59-19-17 = 17.1 gm

Hastings Natural History Res., Monterey Co.
1800 ft., Calif.

22 Dec.

0021	♂	*Peromyscus boylii* testes ab. 3×2 mm.	191-93-25-23-21 gm
0022		*Peromyscus maniculatus* testes ab. 3×2 mm,	142-62-20-15-16 gm

1987

Bi-hou village, Nan-ao township, Ilan county.
Taiwan.

碧候村南澳鄉宜蘭縣臺灣

0023-0025 were bought by Lee from animal dealer.

29 May 1987

0023	♀	*Petaurista alborufus* + partial skeleton	~~primiparous~~ multiparous	940-532-83-43-1435 gm

3 June 1987

NTU 0024	♀	*Felis* sp. skull only		3.7 kg

29 May 1987

IVZ 170736 0025	♂	*Halcyon coromanda bangsi*	赤翡翠

A. H. Yu

1987, 1989-1990

Catalogue # 23 - 1416

Taiwan

Yu, Alex Hon-Jen

1987

Catalog

嘉義縣竹崎鄉梅山鄉交界 阿里山林務局楠梓仙溪工作站. 1916 m.

Nan-shi Forestry Field Station, Wu-Fong Township. Chiayi Co., Taiwan

20 June 1987

0026 ♂ *Apodemus semotus* scrotal 18×10 epi. tubule visible 213-124-24-15=27.5g ~~21.3-12.4-2.4-1.5=27.5g~~ 2.4 g

21 June 1987

alcoholic 0027 ♂ *Apodemus semotus* scrotal ~~222-123-24-16=29g~~ ~~22.2-12.3-2.4=29g~~

alcoholic 0028 ♂ *Apodemus semotus* testes swollen 221-116-25-17=37g

alcoholic 0029 ♀ *Apodemus semotus* lactating 217-116-24-17=29g

0030 ♀ *Apodemus semotus* nulliparous 195-102-24-17=19g Co.,

NTU 0031 ♂ *Anourosorex squamipes* 3×2 103-9-17-X=17g

alcoholic 0032 ♂ *Apodemus semotus* testes swollen 230-122-25-17=30g

alcoholic 0033 ♂ *Apodemus semotus* testes swollen 235-127-25-17=35g

alcoholic 003X ♂ *Apodemus semotus* testes Abdominal 165-81-22-16=12.5g

0035 ♂ *Apodemus semotus* scrotal 16×10 tubules visible 229-124-24-18=28.5g

alcoholic 0036 ♀ *Anourosorex squamipes* testes swollen, sym. closed 105-11-16-X=24.5g

0037 ♂ *Anourosorex squamipes* 5×3 105-8-17-X=23g Co.,

NTU 0038 ♂ *Microtus minutus* scrotal 8×6 tubules visible 156-85-16-10=8g

NTU 0039 ♂ *Apodemus semotus* scrotal 16×10 tubules visible 196-86+-24-17=30g

NTU 0040 ♀ *Apodemus semotus* testes swollen, sym closed, LZ RZ 216-109-23-18=29.5g 66gm

臺灣南投中寮 和平鄉武陵農場 1800 m

Wu-ling Farm, Taichung Co. Taiwan 1800 m.

26 June

8gm

TAI 0041 *Aristolochia sp.* 馬兜鈴

Yu, Alex Hon-Tsen
1987

Catalogue

臺灣 花蓮 天祥 中國旅行社招待所旁
水泥溝

28 June

↑ Jienshiang, Hualien Co., Taiwan 9

0042 Buegeria japonicus recording of mating calls.

0043 Shuei-yuan-Tong, Tienshiang, Hualien Co., Taiwan. 天祥 水源

AI 29 June Otanthera scaberrima (Hayata) 糙葉耳藥花
臺灣 吳鳳鄉 嘉義縣 阿里山
Ali Mt., Wu-Fong Township, Chiayi Co.,
Taiwan, 2200 m.

~~Sici~~ ~~Ko~~ ~~Kor~~ ~~Kot~~ Co.,

8

8 July

~~Episoriculus~~
Soriculus =
0044 ♀ Episoriculus fumidus — 3 abdominal teat pair, teats swollen — 120-48-14-7 = 7g

0045 ♂ Apodemus semotus — scrotal 18×11 — 228-122-27-16 = 30g

0046 ♂ Apodemus semotus — scrotal 17×10 — 212-106-23-16 = 29g

0047 ♀ Apodemus semotus — teat swollen, sym. open primiparous — 212-116-24-17 = 30g

skull only 0048 ♂ Apodemus semotus — abdominal 7×4. — 159-87-23-15 = 11.5g

0049 ♂ Niviventer confucianus = culturatus — ab. 7×4 — 304-175-33-24 = 42g C,

9 July

0050 ♀ Anourosorex squamipes — 3 abdominal teats, teats swollen — 90, 83-7--14 = 23g 66gm 女的妹澤

0051 ♂ Apodemus semotus — ~~3 a~~ abdominal 7×4 — 160, 71-89-15-22 = 12g

0052 ♀ Apodemus semotus — 2 abdominal teats swollen ~~swollen~~ & 1 chest teats — 233, 102-131-16-23 = 24.5g

0053 ♀ Anourosorex squamipes — 3 abdominal teats, teats swollen — 150-7--15 = 26g

0054 ♂ Apodemus semotus — scrotal 16×10.5 — 192-98+17-24 = 28.5g 8gm

0055 ♂ Eothenomys melanogaster — abdominal 5×4 — 122-34-14-4.5 = 19.5g

Yu Alex. H. T.
1987

Catalog

購買，來自台東.
From animal dealer, said from Taitung Co., Taiwan

9 July
Partial skeleton 0056 ♀ Viverricula indica young null. 381-126-58-28=215g

Ali Mt., Wu-Fong Township, Chiayi Co., Taiwan, 2200 m.
嘉義縣吳鳳鄉阿里山

9 July
skull only 0057 ? Apodemus semotus
0058 ♂ " " scrotal 17×10 epi. visible 209-112-25-16=20g
alcoholic 0059 ♂ " " scrotal 225-125-24-17=24.5g
alcoholic 0060 ♀ " " vag. open 200-110-23-15=13.5g
alcoholic 0061 ♀ " " vag. closed null. 181-105-23-18=14g
alcoholic 0062 ♂ " " scrotal 190-101-25-16=19.5g
alcoholic 0063 ♀ " " vag. opened null. 185-97-24-16=17.5g

killed 15 July 0064 ♂ Apodemus semotus = culturatus scrotal 17×10 220-114+-25-18=32g
" 0065 ♂ Niviventer confucianus abo. 7×4 306-174-34-25=44g 66gm
" 0066 ♀ " " sym closed null. 382-212-36-26=79g

28 gm

18 July
0067 ♂ Hipposideros armiger 342 150-59-21-32-FA 97-TS 505=54g

Alex. Hon-Tsen Yu

1987-1989

Catalog

楠溪工作站 吳鳳鄉

Nan-Shi Forest Field Station, Wu-Fong Township,

0068 ; partial skeleton 嘉義縣 Chia-yi Co., Taiwan. 1916 m

died 24 July 1987 ♀ Micromys minutus multiparous 141-78+-11-10 = 8.5 g

Shi-Tou, Lu-Ku Township, Nan-Tou Co.,

Taiwan, 1100 m 溪頭 鹿谷鄉 南投縣.

23 July 1987

alcoholic

0069 ♀ Anourosorex squamipes

0070 Tape, see next page

99 mountain cottage, Taichung Co.,

Taiwan. 99山莊, 台

16

0071

15 July 1989 killed 12 Oct. 1988 ♂ Microtus kikuchii scrotal 7×5 op. not visible 130(HB)-71-35-26

Yang-Ming Mt., Taipei city, Taiwan. ROC,

735 m 陽明山, 台北市 陽明山國家公園

15 July 1989

0072 collected by L.W. Chang. 2-6 July 1988 ♂ Niviventer coxingi scrotal 25×15 epi visible 170(HB)-X-38-22-166gm

0073 collected by L.W. Chang. 2-6 July 1988 ♀ Niviventer coxingi lactating vagina closed 165(HB)-X-35-25-138gm

Alex Hon-Tsen Yu

1989

Catalog

Yang-Ming Mt., Taipei City, Taiwan, ROC, 775m
陽明山國家公園.

15 July 1989

0074 ♂ Niviventer coxingi scrotal 18×12 epi. not visible 150(HB)-180-38-23-110gm
collected by L.W. Chang - on 20 July 1988

0075 ♀ Niviventer coxingi teats not visible 133(HB)-172-35-20-54gm
Weighed by L.W. Chang - 19 Dec. 1988

0076 ♂ " " not scrotal 138(HB)-155-36-22-58 gm
collected by L.W. Chang - 23 Jan. 1989

0077 ♀ Dremomys vagina open 205(HB)-153-48-23-221gm

(16) 0078 ♀ Callosciurus erythraeus vagina open 218(HB)-175-50-22-274gm

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Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan
南投縣信義鄉沙里仙溪步道 2680m

16 Aug.

(69) 0079 ♂ Apodemus semotus scrotal visible 17×10 95-125-25-15-28 gm

(128) 0080 ♀ " " null. 93-104-24-18-23 gm

(66) 0081 ♂ " " scrotal visible 16×9 97-97+-25-17-27.5 gm

(13) 0082 ♂ " " scrotal visible 17×9 95-105-23-16-24.5 gm

(34) 0083 ♀ " " null. two mamm. 85-105-25-15-18.5 gm

(48) 0084 ♀ " " mamm. developing 3 embryos 2r 1l 9mm CRL. 95-116-25-17-33.5 gm

(38) 0085 ♂ " " scrotal visible 17×10 92-107-23-16-23.5 gm

Alex Hon-Tsen Yu

1989

Catalog

16 Aug. Sha-Li-Xian trail, Xin-Yi Township, 2680 ~~2400~~ m
Nantou Co., Taiwan
南投縣信義鄉沙里仙溪步道

(17)	0086	♂	Apodemus semotus	abdominal ~~scrotal~~	not visible 10×5		95-115-25-16-23.5 gm
(108)	0087	♂	"	"	scrotal	visible 15×10	100-118-24-18-28.5 gm
(100)	0088	♂	"	"	scrotal	visible 18×10	105-105-23-16-25 gm
(74)	0089	♂	"	"	scrotal	visible 17×10	105-104+-25-17-28.5 gm
(92)	0090	♂	"	"	scrotal	not visible 12×8	95-97-24-17-21 gm
(49)	0091	♀	"	"	no mamm. null.		85-110-24-17-17.5 gm
(23)	0092	♀	Soriculus fumidus		null.		68-53-14-9-7.5 gm
(82)	0093	♀	Niviventer culturatus		null.		145-192-33-23-70 gm
(16) (122)	0094	♀	"	"	null.		144-194-34-25-74 gm
(110)	0095	♂	"	"	Abdominal ~~Abdo~~	not visible 7×5	155-188-34-24-72 gm.
~~0096~~							

17 Aug.

(11)	0096	♂	Eothenomys melanogaster		scrotal	visible 6×5	99-35-17-10-18 gm
(121)	0097	♀	Apodemus semotus		test not swollen preg.	rz l1 CRl. 9	97-115-25-17-29 gm
(92)	0098	♂	"	"	scrotal	visible 17×10	106-115-25-17-29.5 gm
(91)	0099	♀	"	"	test preg.	rz l1 CRl. 20 mm	96-116-23-17-37 gm
(79)	0100	♂	"	"	abdominal	not visible 12×8	97-112-25-17-23.5 gm
(8)	0101	♀	Niviventer culturatus		test not swollen null.		138-174-33-24-64 gm
(64)	0102	♀	"	"	~~test swollen~~ null.		155-180-31-26-80 gm
(30)	0103	♀	"	"	test swollen no milk	null.	uteri swollen 155-192-32-26-90 gm

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan with * 2680 m otherwise 2400 m

(3) 18 Aug.							
head damaged	(46)	0104	♀	Soriculus fumidus		null.	65-48-13-9-5.5+ gm
	(323)	0105	♀	"	"	null.	60-51-13-8-6.5 gm

Alex Hon-Tsen Yu
1989

Catalog

18 Aug. Sha-Li-Xian Trail, Xin-Yi Township, Nantou Co., Taiwan 南投縣信義鄉沙里仙溪步道 with * 2680m, otherwise 2400 m

* (148)	0106	♀	Microtus kikuchii	multipalm pelvic opened preg.	lzro CR 8 cm	124-85-26-15-48.5 gm	5gm	
(149)	0107	♂	Eothenomys melanogaster	scrotal	visible 7×5	96-35-15-9-20 gm	5gm	
(88)	0108	♂	Apodemus semotus	not scrotal	not visible 12×7	102-110-25-16-22.5 gm	7gm	
(23)	0109	♂	"	" scrotal	visible 17×10	106-122-26-16-25.5 gm	5gm	
(115)	0110	♂	"	" not scrotal	visible 15×9	87-95-22-15-19.5 gm		
(93)	0111	♂	"	" scrotal	visible 17×11	105-108-24-17-29.5 gm		
(56)	0112	♂	"	" not scrotal	not visible 5×3	92-107-26-17-22.5 gm		
(315)	0113	♀	"	" test swollen placental scar		100-X-23-16-29 gm	7gm	
(16)	0114	♀	"	" null.		90-102-25-15-18 gm		
(83)	0115	♂	"	" scrotal	visible 17×10	100-107-25-16-27.5 gm		
(127)	0116	♂	"	" scrotal	visible 18×10	110-116-24-17-31 gm		
* Skull (3) only	0117	?	"	"			3gm	

19 Aug.

*	(2)	0118	♀	Anourosorex squamipes	test swollen, mild, pelvic open		95-10-14-X-21 gm	4gm
*	(89)	0119	♂	Niviventer culturatus	not scrotal	not visible 13×8	156-188-35-23-86 gm	
	(92)	0120	♂	Niviventer	" scrotal	visible 20×13	173-207-35-24-106 gm	
*	(40)	0121	♂	"	" scrotal	visible 26×12	173-X-33-23-108 gm	
*	(39)	0122	♂	"	" not scrotal	not visible 8×3	138-168-33-25-55 gm	
	(46)	0123	♂	Apodemus semotus	scrotal	visible 17×10	105-119-24-18-30 gm	6gm
	(17)	0124	♂	"	" scrotal	visible 19×12	110-119-24-17-30 gm	5gm
	(32)	0125	♀	"	" null. test developing	prob. preg.	97-102-23-16-25 gm	gm
	(135)	0126	♂	"	" scrotal	visible 16×9	92-116-25-16-23.5 gm	gm
	(115)	0127	♀	"	" null.	prob. preg. uteri swollen	92-111-25-16-21.5 gm	

Alex Hon-Tsen Yu

1989

Catalog

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan with * 2680m, otherwise 2400m

7 Aug *	(126)	0128	♂	Apodemus semotus	scrotal	visible 17x10	98-112-25-16-27.5 gm	m
	(301)	0129	♂	" "	scrotal	visible 17x11	110-125-26-17-29.5 gm	5 gm
	(315)	0130	♂	" "	scrotal	visible 17x10	103-113-23-16-28 gm	5 gm
	(99)	0131	♂	" "	scrotal	visible 18x10	107-126-25-17-30 gm	7 gm
10 Aug.	(104)	0132	♂	Tarsiger johnstoniae? testis 5x2		prob. subadult		5 gm
Skull only	(116)	0133	?	Apodemus semotus				
20 Aug								
	(87)	0134	♀	Eothenomys melanogaster	null.		86-32-15-9-16.5 gm	7 gm
	(38)	0135	♂	" "	scrotal	visible 6x3	95-34-16-10-19 gm	
	(301)	0136	♀	Anourosorex squamipes	null.	3 pairs	95-10-16-X-20.5 gm	
*	(131)	0137	♀	" "	pelvic open teat milk	r 1 l 1 CR1: 7mm	teats 3 pairs 93-11-15-X-19.5 gm	
	(54)	0138	♂	Niviventer culturatus	scrotal	visible 20x12	176-212-35-26-105 gm	5 gm
*	(68)	0139	♂	" "	scrotal	visible 18x12	167-205-34-25-88 gm	
	(82)	0140	♀	" "	teat swollen milk	null.?	146-195-32-24-72 gm	
	(309)	0141	♀	Apodemus semotus	null.		96-111-23-17-20.5 gm	6 gm
	(93)	0142	♀	" "	null.		100-118-23-15-22.5 gm	
	(334)	0143	♀	" "	null.		98-115-23-16-27 gm	
*	(42)	0144	♂	" "	scrotal	visible 20x12	106-123-24-17-33.5 gm	
	(93)	0145	♂	" "	scrotal	visible 18x10	104-117-24-16-26.5 gm	
	(67)	0146	♀	" "	null.		93-110-23-16-22 gm	gm
	(57)	0147	♂	" "	scrotal	visible 17x10	100-103-23-16-27.5 gm	5 gm
*	(3)	0148	♀	" "	teat developing preg.	r 1 l 3 CR 1 8mm	98-120-24-17-26.5 gm	gm
	(73)	0149	♀	" "	null		97-107-24-16-24.5 gm	gm
*	(54)	0150	♂	" "	scrotal	visible 18x12	105-125-25-17-30.5 gm	

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Calalog

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan with * 2680 m, otherwise 2400 m

20 Aug.	南投縣信義鄉沙里仙溪步道							m
(327)	0151	♂	Apodemus semotus	scrotal	visible 17×10	106-113-23-18-30 gm	5gm	
(31)	0152	♂	" "	testis 5×2		23 gm	5gm	
							7gm	
21 Aug.							5gm	
(32)	0153	♂	Eothenomys melanogaster	scrotal	visible 6×4	94-X-16-9-21 gm		
(334)	0154	♀	" "	placental scar pelvic open		91-37-16-8-19 gm		
(56)	0155	♂	Niviventer culturatus	null.		147-X-35±25-73 gm		
(329)	0156	♀	" "	null.		145-195-33-24-72 gm	7gm	
(332)	0157	♂	Apodemus semotus	scrotal	visible 16×9	93-111-24-15-20.5 gm		
* (108)	0158	♂	" "	scrotal	visible 18×9	95-102-23-16-24.5 gm		
(24)	0159	♂	" "	scrotal	visible 17×10	102-110-24-17-25 gm		
(38)	0160	♀	" "	null.		101-113-23-15-27.5 gm	7gm	
(84)	0161	♂	" "	scrotal	visible 17×12	105-120-25-16-32 gm		
* (108)	0162	♂	" "	scrotal	visible	103-117-25-16-31.5 gm		
(103)	0163	♂?		testis 4×1		15gm	6gm	
(83)	0164	?	juvenile					
(51)	0165	?	juvenile			14.5 gm		
22 Aug.						~~66-53-13-7-7 gm~~	gm	
* (42)	0166	♀	Soriculus fumidus	null.		66-53-13-7-7 gm	5gm	
(312)	0167	?	Soriculus "			63-46-12-8-6 gm	gm	
(305)	0168	♀	" "	Teat swollen		65-54-13-8-9 gm	gm	
(301)	0169	♂	Anourosorex squamipes		not visible 3×2	92-8-12-X-19 gm		

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Catalog

Aug.

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan — with * 2680m, otherwize 2400m

	(55)	0170	♀	Eothenomys melanogaster	teat swollen, pelvic open barely	preg. R1 L2 7mm	90-43-17-9-22gm	m
	(319)	0171	♂	" "	scrotal	4×3	93-37-16-9-18.5gm	5gm
	(133)	0172	♀	" "	~~not~~ ~~scrotal~~ null.		87-37-16-8-15gm	5gm
*	(64)	0173	♀	Niviventer culturatus	teat developing ~~scrotal~~ preg.	r1 l1 CRl 20mm	150-170-33-24-76gm	7gm
	(56)	0174	♀	" "	teat developing	r1 l3 CR 12mm	163-204-35-26-104gm	5gm
*	(82)	0175	♂	" "	not scrotal	not visible 12×6	160-190-33-25-90gm	
	(29)	0176	♀	" "	null. teat developing		145-200-34-25-72gm	
*	(148)	0177	♂	Apodemus semotus	scrotal	visible 17×10	100-112-23-16-26gm	
	(327)	0178	♀	" "	null.		86-X-23-15-23gm	7gm
*	(118)	0179	♂	" "	scrotal	visible 18×10	105-128-23-17-28gm	
	(32)	0180	♂	" "	scrotal	visible 17×12	105-118-23-17-27.5gm	
*	(124)	0181	♂	" "	scrotal	visible 17×10	95-105-24-16-23.5gm	

Jang-Pu Hostel (Alishan), Alishan Township, Chia-Yi Co., Taiwan, 2650m

東埔山莊屋舍內 嘉義縣阿里山鄉

22 Aug. skin & body in fluid	0182	♀	Rattus rattus	teat developing no nipple	null.		110-126-24-16-34gm	
skin & body in fluid	0183	♂	Niviventer culturatus	scrotal		visible 20×12	165-205-35-25-100gm	6gm

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan — 2400m

南投縣信義鄉沙里仙溪步道

23 Aug.

	(7)	0184	♀	Eothenomys melanogaster	teat swollen, pelvic open		92-36-17-10-21gm	5gm
	(321)	0185	♀	" "	null. teat developing		93-33-16-10-20.5gm	gm
	(307)	0186	♂	" "	scrotal	visible 6×4	92-37-16-11-20gm	gm
	(54)	0187	♀	" "	teat swollen pelvic open	preg. r2 l0 CR 7mm	95-35-16-10-20.5gm	

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Catalog

Sha-li-Xian trail, Xin-yi Township, Nantou Co., Taiwan 南投縣信義鄉沙里仙溪步道 2400 m

23 Aug.

(55)	0188	♂ Eothenomys melanogaster	scrotal	visible 6×4	96-30+-17-10-19.5 gm	5 gm
(306)	0189	♀ Soriculus fumidus	null.		59-49-14-9-6 gm	7 gm
(343)	0190	♀ Niviventer culturatus	juvenile null.		100-128-27-22-21 gm	5 gm
(339)	0191	♀ Apodemus semotus	null.		98-124-25-17-28 gm	

In the kitchen of Tong-Pu Hostel, Alishan Township, Chia-Yi Co., Taiwan 2650 m. 東埔山莊廚房

23 Aug. skin + skull

NTU	0192	♀ Mustela sibirica	3 pairs of abdominal teats	parous	284-160-48-21-26 gm	7 gm

stomach full of rice & meat from human's lunch boxes

Sha-Li-Xian trail, Xin-yi Township, Nantou Co., Taiwan 2400 m

24 Aug. (34) 0193 ♀ Eothenomys melanogaster — pelvic open, teat swollen — 99-38-17-9-23.5 gm — 3 gm

(338) 0194 ♀ Niviventer culturatus — juvenile — null. — 93-127-26-20-22.5 gm — 5 gm

Sha-Li-Xian trail, Xin-yi Township, Nantou Co., Taiwan 2680 m

lected on 22 Aug

xed on 26 Aug.

0195 ♂ Balanophora spicata (蛇菰) Hayata — Balanophoraceae — 2 gm

deposit in TAI — 5 gm — gm — gm

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Catalog

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan 1400 m
南投縣信義鄉沙里仙溪步道

Sept. 21	0196	♂	Anourosorex squamipes		6×3	93-10-16-x-21gm	5gm
29	0197	♀	"	"	test developing	90-10-16-x-19gm	5gm
59	0198	♀	"	"	test swollen, milk, pelvic open, uteri swollen	91-10-17-x-26gm	7gm
39	0199	♂	"	"	4×3	90-9-15-x-18.5g	5gm
41	0200	♀	"	"	mall.	90-10-17-x-21gm	
56	0201	♂	"	"	6×3	93-9-16-x-21.5gm	
130	0202	♂	"	"	4×3	89-10-15-x-16.5gm	
2	0203	♂	"	"	6×3	100-9-16-x-19.5g	7gm

2 Sept.

56	0204	♂	Anourosorex squamipes		4×3	87-9-16-x-16gm	
18	0205	♀	"	"	test developing	preg. +1 el CRl 22mm	98-10-17-x-24.5gm	3gm
144	0206	♂	"	"		5×3	95-9-17-x-22gm	
2	207	♀	"	"	test swollen	pelvic open	93-10-16-x-21gm	
21	[illegible]	♂	"	"		5×3	85-10-16-x-18.5gm	4gm

[illegible] Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan 南投縣信義鄉沙里仙溪步道 1300 m

DOR	209	?	Crocidura				

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan 1400 m

3 Sept.

24	210	♀	Anourosorex squamipes		mall.	80-10-15-x-18.5gm	5gm
44	211	♀	"	"	mall. test developing	95-10-16-x-21.5gm	gm
57	212	♂	Apodemus semotus	scrotal	visible 18×11	105-117-25-17-32gm	gm

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Catalog

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan 沙里仙溪步道 1200 m

Skin NTU Skin+ body in fluid
Sept. Z00 Z13 ♂ 頭烏線 Alcippe brunnea testis 3×1 19gm

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan
南投縣信義鄉沙里仙溪步道 1250 m

4 Sept. fell off nest
DOR Z14 ♀ Callosciurus erythr baby mild. 108-78-32-12-46.5gm

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan 1300 m

(110) Z15 ♂ Anourosorex squamipes 6×3 88-9-16-X-20gm
(92) Z16 ♂ " " 6×3 85-9-15-X-21 gm

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan 1350 m

(32) Z17 ♀ Anourosorex squamipes 4×3 89-9-17-X-22.5g

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan 1400 m

(14) Z18 ♂ Eothenomys melanogaster. pelvic open placental scars 97-37-16-10.20gm
(22) Z19 ♂ Anourosorex squamipes 6×3 99-10-16-X-24 gm
(74) Z20 ♀ " " mill. 97-10-16-X-18 gm
(77) Z21 ♀ " " mill. 87-8-16-X-16.5gm
(144) Z22 ♂ " " 3×1 82-9-16-X-13.5gm
(127) Z23 ♀ " " mill. 84-9-16-X-17.5gm
(11) Z24 ♂ " " 6×3 99-10-16-X-23 gm

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan 1350 m

5. Sept.
(36) Z25 ♀ Anourosorex squamipes teat swollen, white preg. r2 l2 CR 20mm 95-10-17-X-31 gm

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Sha-li-Xian Trail, Xin-yi Township, Nantou Co., Taiwan 1400 m
南投縣信義鄉沙里仙溪步道

5 Sept.

(93) 226	♀	Apodemus semotus	null.	97-116-26-18-25gm	
(57) 227	♂	Anourosorex squamipes	5×3	85-9-16-x-19gm	
(58) 228	♀	Soriculus fumidus	null.	62-47-13-9-5.5gm	

6 Sept.

(44) 229	♀	Anourosorex squamipes	teat swollen pelvic open	87-9-15-x-18gm	
(44) 230	♀	〃	〃	teat swollen milk preg. R1 L1 CR 10mm	95-11-16-x-24gm
(98) 231	♂	〃	〃	4×3	90-10-16-x-21gm

7 Sept.

(25) 232	♂	Anourosorex squamipes	6×3	90-10-16-x-22gm	
(17) 233	♀	〃	〃	null.	82-9-16-x-15gm

Near Dong-Pu Hostel, Alishan Township, Chiayi Co., Taiwan 2650 m
嘉義縣阿里山鄉東埔山莊附近

26 Sept.

Tissued 234	♀	Trimeresurus stejnegeri			
235	♂	〃 monticola 阿里山	with stomach content Microtus kikuchi head in		112g

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Sha-Li-Xian Trail, Xin-Yi Township, Nantou Co., Taiwan 2000 m

南投縣信義鄉沙里仙溪步道

27 Sept.

(90)	236	♂	Apodemus semotus	~~scrotal~~ scrotal	visible 18×11	100-113-24-16-26gm	5gm
(131)	237	♀	" "	teat enlarging preg.	lo r 3 20mm visible	97-111-25-16-29.5gm	5gm
(38)	238	♂	Niviventer confucianus	scrotal	18×12	162-188-33-23-90gm	7gm
(105)	239	♂	Eothenomys melanogaster	scrotal	visible 7×4	96-33-17-9-20.5gm	5gm
(409)	240	♀	Soriculus fumidus	null.		65-53-14-9-7gm	
TU 2:00 (119)	241	♀	Myomela leucura	白尾鼯		26gm	

Tang-Pu Hostel, Alishan Wenshang Township, Chia-Yi Co., Taiwan 2650 m

東埔山莊, 嘉義縣阿里山鄉

NOTE Yushan NP	242	♀	Niviventer confucianus	2 pairs	pectoral groin	teats developing	null.	165-205-35-25-85g

Bamboo grassland near Dong-Pu-Shan, Sha-Li-Xian Trail, Xin-Yi Township, Nantou Co., Taiwan 2700 m

28 Sept. 南投縣信義鄉沙里仙溪東埔山

(425)	243	♀	Soriculus fumidus	null.	56-52-11-6-6gm
(436)	244	♀	Soriculus fumidus	null	57-58-14-7-6.5g

Sha-Li-Xian Trail, Xin-Yi Township, Nantou Co., Taiwan 南投縣信義鄉 2000 m 沙里仙溪步道

28 Sept.

(82)	245	♂	Anourosorex squamipes		3×1	82-8-16-x-15gm	gm
(32)	246	♂	" "		3×1	88-9-15-x-16.5gm	gm
(105)	247	♀	Eothenomys melanogaster	pelvic open	placental scars	96-36-16-10-21.5gm	

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Dong-Pu Hostel, Alishan Township, Chiayi Co.,
Taiwan. 東埔山莊 嘉義縣阿里山鄉 2650 m

28 Sept.

248 ♀ Apodemus semotus — 1 pectoral 2 inguinal teats swollen — ♀3 ♂1 CR 4 — 95-x-25-16-27.5gm

Bamboo grassland near Dong-Pu-Shan, Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan 南投縣信義鄉沙里仙溪東埔山 2700 m

29 Sept.

(57) 249 ♀ Soriculus fumidus — null. — 62-51-14-8-7.5gm

(23) 250 ♂ " " — 1.5×1 — 63-47-13-8-7gm

(29) 251 ♀? " " — null. — visible — 64-51-12-9-6gm

(92) 252 ♂ Eothenomys melanogaster — scrotal — 6×3 — 90-32-16-10-19gm

(73) 253 ♂ Apodemus semotus — abdominal — not visible 6×3 — 84-99-22-16-18gm

(78) 254 ♀ " " — null. — 85-100-23-15-18.5gm

(82) 255 ♀ " " — teat swollen milk — placental scars not visible — 95-103-22-15-25.5gm

(421) 256 ♂ " " — abdominal — 4×3 — 87-102-25-15-18gm

Sha-Li-Xian Trail, Xin-Yi Township, Nantou Co., Taiwan 南投縣信義鄉沙里仙步道 2000m

(6) (89) 257 ♀ Apodemus semotus — teat swollen placental scars preg. — ♀2 ♂2 CR 3 mm — 110-121-25-17-38gm

(89) (6) 258 ♂ Anourosorex squamipes — 6×3 — 85-8-15-x-20gm

(112) 259 ♂ Anourosorex squamipes — 4×3 — 86-9-16-x-21gm

Bamboo grassland near Dong-Pu-Shan, Sha-Li-Xian Trail, Xin-Yi Township, Nantou Co., Taiwan 2700 m

30 Sept.

(4) 260 ♂ Apodemus semotus — not scrotal — not visible 10×5 — 95-110-25-16-21gm

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Catalog

Bamboo grassland near Dong-Pu-Shan, Sha-Li-Xian trail, Xin-Yi Township,
30 Sept. Nantou Co., Taiwan 2700 m

(47) 261 ♂ Apodemus semotus scrotal visible 18×12 100-120-23-17-29.5gm

(113) 262 ♂ " " testis swollen pelvic dosel preg. R3 ℓ2 CR 25mm visible 107-x-22-16-38.5gm

(58) 263 ♂ Eothenomys melanogaster scrotal 6×4 95-36-16-10-17gm

(117) 264 ♂ Soriculus fumidus 2×1 66-47-12-10-6.5gm

Sha-Li-Xian trail, Xin-Yi Township,
Nantou Co., Taiwan
2000 ~~2650~~ m

(410) 265 ♂ Niviventer not scrotal not visible 9×4 98-115-26-20-27gm

Near Tong-Pu Hut (Hostel), Alishan Township, Chia-Yi Co.,
Taiwan. (Prob. bumped into electrical cords)
嘉義縣阿里山鄉(吳鳳鄉)東埔山莊附近. 2650 m

NTU Zoo DOR 266 ♂ Strix aluco ? Testis not swollen 292gm

Tong-Pu Hut (Hostel), Alishan Township. Chia-Yi Co.
Taiwan. 2650 m (In House) c.a. 8:00 p.m.

skin + body in fluid
1 Zoo 267 ♂ Murina Testis 4×3 38-31-8-13-29 (FA)-4gm

Sha-Li-Xian trail, Xin-Yi Township,
Nantou Co., Taiwan Bamboo grassland near
Tong-Pu-Shan, Sha-Li-Xian trail, Xin-Yi Township,
1 Oct. Nantou Co., Taiwan 2700 m

(427) 268 ♀ Soriculus fumidus small. 66-47-12-9-6.5gm

(47) 269 ♂ Apodemus semotus scrotal visible 18×12 108-115-25-17-26.5gm

(102) 270 ♂ " " scrotal visible 18×12 105-113-24-16-29gm

(433) 271 ♂ " " not scrotal not visible 7×4 75-82-22-14-10gm

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Bamboo grassland near Tong-Pu-Shan, Sha-Li-Xian Trail, Xin-Yi Township, Nantou Co., Taiwan 2700 m

2 Oct.

(78) 272 ♂ Eothenomys melanogaster scrotal visible 6x4 110-37-17-10-20 gm

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan 2000 m

(116) 273 ♂ Apodemus semotus scrotal visible 18 x 12 110-118-24-16-31.5 gm

Tong-Pu Hostel, Alishan Township, Chia-Yi Co., Taiwan. 2650 m

274 ♂ Apodemus semotus Scrotal visible 18x12 115-X-26-18-36.5 gm

275 ♀ Niviventer confucianus null. 145-190-32-25-70 gm

Bamboo grassland near Dong-Pu-Shan, Sha-Li-Xian Trail, Xin-Yi Township, Nantou Co., Taiwan 2700 m

(26) 276 ♀ Soriculus fumidus null. 60-45-13-9-6.5 gm

(98) 277 ♀ " " null. 60-X-13-8-5.5 gm

(117) 278 ♂ " " 2x2 68-52-13-8-6 gm

Tong-Pu Hut, Alishan Township, Chia-Yi Co., Taiwan, 2650 m

279 ♂ Apodemus semotus scrotal visible 20x12 105-120-24-17-29 gm

280 ♀ " " pelvic closed, teat swollen preg. r2 l1 CR 13 mm 107-X-24-17-37 gm

281 ♂ " " visible 20x12 102-116-23-18-30 gm

282 ♀ " " null 87-105-25-16-21 gm

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Catalog

Re Bamboo grassland near Tong-Pu-Shan Yi Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan, 2700 m

(93)	283	♂	Soriculus fumidus	3×2	60-51-13-9-6.5 gm	gm	
(423)	284	♂	" "	2×1	60-47-14-9-5.5 gm	"	"
(20)	285	♂	" "	1×1	66-50-13-9-7 gm	"	"
(58)	286	♂	Anourosorex squamipes	5×3	95-10-16-x-22.5 gm	gm	"
(28)	287	♀	Eothenomys melanogaster	null.	93-42-17-10-19.5 gm	gm	

2 km down from Pai-Yun Hostel on trail to Ta-Ta-Jia saddle, Alishan Township, Chiayi Co., Taiwan 3220 m

13 Oct.

(73)	288	♂	Soriculus fumidus	1×1	68-51-14-9-6.0 gm	gm	
(100)	289	♀	" "	null.	65-50-14-9-6.5 gm	gm	"
(535)	290	♀	" "	null.	65-49-13-9-7.0 gm	9 gm	5
(111)	291	♂	Microtus kikuchi barely scrotal	6×4 visible	117-76-24-16-37.5 gm	gm	"
(104)	292	♂	" " scrotal	visible 8×5	127-88-24-17-49 gm	gm	"
(27)	293	♀	" " pelvic closed	null.	138-96-25-16-56 gm	5 gm	
(505)	294	♀	" " pelvic closed	null.	120-80-24-16-39 gm	3 gm	"
(114)	295	♀	" " pelvic closed	null.	130-88-26-17-49.5 gm	x	"
(63)	296	♀	" " pelvic closed	null.	118-80-25-15-37.5 gm	5 gm	"
(56)	297	♂	" " barely scrotal	not visible 5×3	128-86-25-17-56 gm	gm	"
(513)	298	♀	" " pelvic open?	null. no scars	132-82-23-16-46.5 gm	gm	"
(34)	299	♀	Niviventer confucianus	null	127-172-31-24-54 gm		"
(124)	300	♂	" " not scrotal	not visible 6×4	140-196-34-24-62 gm	gm	"
(117)	301	♂	" " not scrotal	not visible 7×4	138-183-35-25-60 gm	"	"
(535)	302	♂	Apodemus semotus scrotal	15×10 visible	95-115-24-15-25 gm	"	

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Catalog

2 km down from Pai-Yun Hostel on trail to Ta-Ta-Jia saddle, Alishan Township, Chiayi Co., Taiwan 3220 m

Yi

13 Oct.	(507) 303	♂	Apodemus semotus	scrotal	visible 18×12	102-119-25-16-31.5 gm		
	(141) 304	♂	" "	scrotal	visible 18×12	105-114-23-16-29.5 gm		
(539)	(537) 305	♂	" "	scrotal	visible 18×12	100-113-24-16-30 gm		
	(529) 306	♂	" "	scrotal	visible 19×12	100-114-25-17-26.5 gm		
formalin tissued	307	?		全體白膚		94 gm		
14 Oct.								
	(530) 308	♀	Soriculus fumidus	null.		65-50-14-8-6 gm		
	(513) 309	♂	Microtus kikuchi	not scrotal	not visible 6×4	122-85-26-17-47.5 gm		
	(142) 310	♂	" "	scrotal	visible 8×5	133-83-25-18-54 gm		
	(34) 311	♀	Apodemus semotus	teat developing pleric closed	preg. r1 3 mm l4	90-110-24-16-25 gm		
	(517) 312	♂	" "	scrotal	visible 18×12	95-108-23-17-23.5 gm		
	(539) 313	♂	" "	barely scrotal	not visible 12×8	90-102-24-16-22 gm		
NTU	(534) 314	♀		~~睪丸~~? 阿里山鼠		16 gm		
15 Oct.								
	(527) 315	♂	Apodemus semotus	barely scrotal	not visible 12×8	95-107-24-16-25 gm		
	(07) 316	♀	" "	null.		90-112-24-17-20 gm		
	(98) 317	♂	" "	not scrotal ~~null.~~	not visible 8×5	94-108-23-16-20 gm		
NTU	(4?) 318			全黃白膚		72 gm		
	(50) 319	♂	Microtus kikuchi	scrotal	visible 7×4	132-87-31-17-54 gm		
						~~76 mm~~		
~~15 Oct.~~								
~~319~~			~~Microtus~~ Soriculus fumidus					

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Catalog

3 km up from Pai-Yun Hostel on trail to Yun-Feng camp site, Alishan Township, Chiayi Co., Taiwan 3650m

Yi

15 Oct.								
(84)	320	♀	Microtus kikuchi	null.		130-83-24-16-39gm		
(555)	321	♀	" "	null.		123-79-24-14-39.5gm		
(97)	322	♂	" "	scrotal	visible 7×5	130-86-25-17-51gm		
(128)	323	♀	" "	null.		122-88-23-17-41gm		
(26)	324	♀	" "	null.		123-76-23-18-49gm		
(25)	325	♂	" "	scrotal	visible 8×5	129-75-25-17-48.5gm		
(25)	326	♀	" "	pelvic open	1 preg. 35mm	125-87-23-17-48gm		
(567)	327	♀	" "	null.		118-87-24-16-37gm		
(588)	328	♂	" "	barely scrotal	not visible 4×3	112-78-24-17-X		
(588)	329	♀	" "	null.		124-75-24-16-48.5gm		
(156)	330	♂	" "	scrotal	visible 7×4	130-93-25-17-48gm		
NTU (561)	331	♂		阿里山鼩鼱		15.5gm		
(583)	332	♀	Soriculus fumidus	null.		67-51-14-10-7.5gm		
16 Oct.								
(128)	333	♀	Soriculus fumidus	null.		70-50-13-9-6.0gm		
(163)	334	♀	" "	null.		66-54-14-9-6.0gm		
(86)	335	♀	Microtus kikuchi	pelvic open?		127-80-25-18-49.5gm		
(586)	336	♀	" "	pelvic close	null.	125-78-24-17-45.5gm		
(98)	337	♂	" "	scrotal	visible 5×4	112-81-25-17-39gm		
(42)	338	♀	Apodemus semotus	null.		85-97-23-16-19gm		
NTU (573)	339			阿里山鼩鼱		12.5gm		
NTU	340			"		14.5gm		
NTU	341	?		金翼白眉		80gm		

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Catalog

林 5/10-5/11

2 km down from Pai-Yun Hostel on trail to Ta-Ta-Jia saddle, Alishan Township, Chiayi Co., Taiwan 3220 m

16 Oct.	(63)	342	♂	Microtus kikuchi	scrotal	visible 8×6	132-86-25-17-54 gm		
	(66)	343	♀	" "	null.		112-81-25-16-35 gm		
	NTU (24)	344			全巢回收		79 gm		
17 Oct.									
	(528)	345	♀	Niviventer confucianus	null.		165-200-32-26-101 gm		
	(531)	346	♂	" "	not scrotal	not visible 8×4	155-200-36-25-70 gm		
	(522)	347	♂	" "	not scrotal	not visible 8×4	140-205-35-26-76 gm		
	(535)	348	♂	Apodemus semotus	scrotal	visible 16×10	95-115-26-17-26 gm		
	(103)	349	♂	" "	scrotal	visible 18×10	98-111-25-16-25.5 gm		
	(83)	350	♂	" "	scrotal	visible 17×10	95-106-25-16-24.5 gm		
	(85)	351	♂	Microtus kikuchi	scrotal	visible 6×5	127-87-24-17-46.5 gm		

3 km up from Pai-Yun Hostel on trail to Yun-Feng camp site, Alishan Township, Chiayi Co., Taiwan 3650 m

17 Oct.	(171)	352	♂	Soriculus fumidus		2×1	65-51-14-8-6 gm		
	(192)	353	♀	Microtus kikuchi	null.		120-81-24-16-42.5 gm		
	(163)	354	♂	" "	scrotal	visible 8×5	125-85-23-17-45 gm		
	(151)	355	♂	" "	scrotal	visible 6×5	128-84-25-17-50 gm		
	(184)	356	♀	" "	pelvic closed	Pig. 2 | CR 16 mm	132-86-25-16-47.5 gm		
	(197)	357	♀	" "	null.		110-78-23-16-34.5 gm		
	(45)	358	♂	" "		visible 7×5	125-82-25-16-41 gm		
NTU	(56)	259	♀		死胎		15 gm		

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Catalog

3 km up from Pai-Yun Hostel on trail to Yun-Feng camp site, Alishan Township, Chiayi Co., Taiwan

18 Oct.						3650 m		
(125)	360	♂	Microtus kikuchi	scrotal	visible 7×5	123-92-24-18-46.5 gm		
(184)	361	♂	"	scrotal	visible 6×4	122-83-24-16-41 gm		
(102)	362	♂	"	scrotal	visible 6×4	122-82-23-17-X		
(7)	363	♂	"	scrotal	visible 6×4	122-80-24-17-40.5 gm		
NTU (587)	364	♂		米箱		26.5 gm		

2 km down from Pai-Yun Hostel on trail to Ta-Ta-Jia saddle, Alishan Township, Chiayi Co., Taiwan

18 Oct.						3220 m		
(522)	365	♂	Microtus kikuchi	pelvic open ~~scrotal~~	scar ~~visible 7×5~~	137-85-25-16-51 gm ~~123-92-24-18-46.5 gm~~		
(63)	366	♀	"	null.		121-85-26-17-41.5 gm		
(49)	367	♀	Apodemus semotus	null.		93-107-24-15-20.5 gm		
(33)	368	♂	"	barely scrotal	not visible 10×5	96-110-24-17-20.5 gm		
otolith issued.	(539)	369		全屍回院		68 gm		

3 km up from Pai-Yun Hostel on trail to Yun-Feng camp site, Alishan Township, Chiayi Co., Taiwan

19 Oct.						3650 m		
(163)	370	♀	Soriculus fumosus	null.		67-51-14-9-6.5 gm		
(157)	371	♂	"	"		65-50-15-9-7.5 gm		
(53)	372	♂	Microtus kikuchi	scrotal	2×1 visible 6×4	114-76-25-16-38.5 gm		
(56)	373	♂	"	scrotal	visible 7×5	132-92-26-17-47.5 gm		
(184)	374	♀	"	null.		117-80-23-17-44 gm		
(99)	375	♀	"	null.		113-72-24-16-36 gm		
body in liquid-tissued	(580)	376		全屍回院		70 gm		

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Catalog

3 km up from Pai-Yun Hostel on trail to Yun-Feng camp site, Alishan Township, Chiayi Co., Taiwan — 3650 m

19 Oct.

(151) 377 — 73 gm

2 km down from Pai-Yun Hostel on trail to Ta-Ta-Jia saddle, Alishan Township. Chiayi Co., Taiwan — 3220 m

19 Oct.

(39)	378	♂ Microtus kikuchi	scrotal	visible 7×5	125-80-24-16-44.5 gm	
(42)	379	♂ " "	scrotal	visible 7×5	130-92-25-19-49 gm	
(521)	380	♀ " "	null.		125-84-25-16-43 gm	

3 km up from Pai-Yun Hostel on trail to Yun-Feng camp site, Alishan Township Chiayi Co., Taiwan — 3650 m

20 Oct.

(84) 381 ♀ Microtus kikuchi — null. — 108-77-24-15-31.5 gm

21 Oct.

(553)	382	♀ Soriculus fumidus	null.		62-52-14-9-6 gm	
(125)	383	♀ Microtus kikuchi	null.		125-84-25-17-43 gm	
(153)	384	♀ " "	pelvic open	preg. l l 29 mm	130-76-24-17-51 gm	
(102)	385	♂ " "	barely scrotal	visible 5×3	120-78-24-16-35 gm	

Guan-Gao Forestry Field Station, Xin-Yi Township, Nantou Co., Taiwan 南投縣信義鄉關高工作站 — 2560 m

3 Nov.

	386	♀ Anourosorex squamipes	3 pairs of teats (abdominal) pelvic closed	swollen pelvic open	not preg.	100-11-15-x-21.5 gm
	387	♀ Apodemus semotus	teat swollen, no milk		placental scars	100-123-26-19-35 gm
	388	♀ " "	teat swollen	placental scars		110-63+-24-16-34 gm

H. T. Yu
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Catalog

Guan-Zao Forestry Field Station, Xin-Yi Township, Nantou Co., Taiwan — 2560 m

3 Nov.

389	♀	Apodemus semotus	teat swollen pelvic closed	preg. 2 mm 1 2+1		107-119-25-17-35 gm	
390	♂	"	not scrotal	not visible	5×3	92-108-25-16-21 gm	
391	♀	"	null.			85-96-25-17-15.5 gm	
392	♂	Apodemus semotus	null.			88-100-24-16-17.5 gm	
393	♀	"	null.			83-93-26-16-12 gm	
394	♀	"	null.			87-95-25-15-13.5 gm	

Lau-Nong-Xi Camp Site, Xin-Yi Township, Nantou Co., Taiwan. 老農溪營地 — 3280 m

4 Nov.

skull only 395	♀	Petaurista alborufus					gm
" 396	♀	"	"				gm
" 397	♀	"	"				9 gm
398	♂	"	"				gm
399	♀	"	"				gm
400	♂	Soriculus fumidus			3×1	62-48-13-9-5.5 gm	5 gm
401	♀	"	"	null.		65-50-13-9-5 gm	3 gm
402	♀	"	"	null.		67-50-14-9-5.5 gm	x
403	♀	Apodemus semotus	teat swollen pelvic closed	null.?		105-129-25-18-31.5 gm	5 gm
404	♂	"	"	scrotal	visible 17×10	90-111-26-18-24 gm	gm
405	♂	"	"	scrotal	visible 18×12	113-115-25-16-27.5 gm	gm
406	♂	"	"	scrotal	visible 18×12	107-116-25-17-26 gm	
407	♂	"	"	scrotal	visible 18×12	110-113+-26-17-34 gm	gm
408	♀	"	"	teat swollen pelvic closed	preg. 1 2 r 3 4 mm	98-90+-23-16-24.5 gm	
409	♂	"	"	barely scrotal	not visible 8 mm	85-102-24-16-16 gm	

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Catalog

Lau-Nong-~~Xi~~ Camp Site, ~~Xi-Xi~~ Township, ~~Nantou~~ Co., Taiwan, 3280 m. 南投縣信義鄉羅農溪營地

4 Nov.

410	♀	Apodemus semotus	null.		82-103-24-16-17gm	
411	♂	"	barely scrotal	not visible 6 mm	86-94-23-16-16 gm	
412	♀	"	null.		84-105-24-16-18.5gm	

Baneiike camp site, ~~Xi-Xi~~ Township, ~~Nantou~~ Co., Taiwan, 2850 m. 南投縣信義鄉巴奈伊魔山徑

5 Nov.

tissue only 413	♀	Petaurista alborufus			800gm	
" " 414	♂	"	"		1300gm	
415	♀	Apodemus semotus	teat swollen		103-118-24-16-32.5gm	
416	♀	"	"	teat swollen	106-116-25-16-31gm	
417	♂	"	"	not scrotal	90-100-24-16-17.5gm	
418	♂	"	"	not scrotal	64-79-22-14-9.5gm	
419	♂	"	"	not scrotal	80-98-24-16-14.5gm	
420	♂	Soriculus fumidus		2 mm	63-50-14-9-6gm	
421	♂	"	"	2 mm	64-52-14-9-6gm	
422	♂	"	"	2 mm	63-49-14-9-6gm	
423	♂	"	"	2 mm	62-51-13-9-6gm	
424	♀	"	"	null.	65-46-14-9-6gm	
425	♂	"	"	2 mm	68-50-14-9-6.5gm	
426	♀	"	"	null.	60-49-14-9-5.5gm	
427	♀	"	"	null.	67-50-14-9-6gm	
428	♀	"	"	null.	67-56-14-9-6gm	
429	♀	"	"		62-55-14-9-5.5gm	
430	♀	"	"	null.	65-48-14-9-6.5gm	

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Catalog

Xin-Yi

Baneiike camp site, Township, Nantou Co., Taiwan

2850 m. 南投縣信義鄉 巴拿伊克山屋

5 Nov.

431	♂	Soriculus fumidus			56-49-14-9-5.5gm	
432	♂	"	"		58-47-13-8-5.5gm	
433	♀	"	"		62-50-13-9-5gm	
434	♂	"	"		65-45+-14-9-5.5gm	
435	♀	"	"		65-56-14-9-6.5gm	

Pei-guan Xin-Yi

Township, Nantou Co.,

Taiwan 2130 m. 南投縣信義鄉 雙關

6 Nov.

436	♀	Niviventer confucianus			150-184-34-24-71gm	
437	♂	Apodemus semotus	scrotal	visible 20x12	105-122-25-16-32gm	
438	♀	"	"	teat swollen	preg. 2 @ 12 10mm	105-120-24-16-37gm
439	♂	"	"	scrotal	visible 20x12	110-120-25-16-32gm
440	♂	"	"	scrotal	visible 18x12	218-166-25-16-30gm
441	♀	"	"	teat swollen	placental scars	223-126-25-16-31gm
442	♂	"	"	scrotal	visible 18x10	221-123-25-17-27gm
443	♀	"	"	teat swollen	scars	215-117-26-17-29gm
444	♂	"	"	scrotal	visible 18x12	165+-67+-26-16-31gm
445	♂	"	"	scrotal	visible 18x10	232-121-27-17-33gm
446	♀	"	"	teat swollen	no.	207-112-25-16-26gm
447	♀	"	"	teat swollen	scars	226-122-26-16-34gm
448	♀	"	"	juv.	null.	188-105-25-15-17gm
449	♂	juv. "	"		not visible 8x3	147-80-23-14-8gm
450	♀	juv. "	"		null	181-98-24-16-17gm
451	♀	juv. "	"		null.	185-107-24-16-16gm

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Catalog

Dai-Guan Xin-Yi

Dadicikaraw, Sdjin-I Township, Nantou Co., Taiwan. Yi

2130 m. 南投縣信義鄉雙冬瓏

6 Nov.

452 ♂ Apodemus semotus scrotal visible 18x12 227-119-26-17-3.0gm

Pai-Yun Hostel

Baiyunshan Hut, Sdjin-Dong Township, Chiayi Alishan Township, Nantou

Co., Taiwan, 3480 m. 嘉義縣阿里山鄉排雲

山莊.

14 Nov.

453 ♀ Tamiops maritimus mdl. 138-110-33-13-70gm

15 Nov.

454 ♂ Tamiops maritimus scrotal testis 10x4 139-89+-37-13-77gm

455 ♂ 未存 34.4gm

Unknown locality from Taiwan (from animal dealer)

18 Dec. 456 ? Calliophis macclellandi

cf. C. Eg.

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Le-Le hut, 5.5K Ba-Tong-guan Historical trail, Xin-Yi Township, Nantou ~~Taichung~~ Co., Taiwan 1560m

南投縣信義鄉樂=小屋

18 Feb.							
(76)	457	♂	Niviventer coxingi	not scrotal 8×5	not visible	333-192-34-25-89 gm	
(149)	458	♂	~~Crocidura~~ Crocidura sp. ~~+ Soriculus sp.~~	3×2		120-~~66~~ 55 -13-9-5.5 gm	
~~(70)~~ (467)	459	♀	Apodemus semotus	juv. null		178-96-23-17-19.5 gm	
(63)	460	♂	" "	scrotal 18×10	visible	202-108-25-17-26.5 gm	
(182)	461	♂	" "	not scrotal 5×3	not visible	192-109-24-16-22.5 gm	
(175)	462	♂	" "	scrotal 20×12	visible	188+-88+-26-17-31 gm	
(95)	463	♂	" "	scrotal 20×12	visible	212-110-26-17-34.5 gm	
(55)	464	♂	" "	not scrotal 5×3	not visible	195-112-24-16-20 gm	
(189)	465	♀	" "	juv. null.		166-94-24-15-15 gm	
(137)	466	♂	" "	5×3 juv. not scrotal	not visible	195-109-24-15-21 gm	
(52)	467	♂	" "	scrotal 20×12	visible	223-126-26-17-33 gm	
(89)	468	♂	" "	scrotal 18×12	visible	197+-104+-25-16-29 gm	
(14)	469	♂	" "	10×5 not scrotal	not visible	206-115-25-16-24 gm	
(202)	470	♂	" "	5×3 not scrotal	not visible	187-105-23-15-17 gm	
(39)	471	♂	" "	not scrotal 5×3	not visible	197-107-24-16-23.5 gm	
(77)	472	♀	" "	null. teat swollen		195-105-23-16-23 gm	
(21)	473	♀	" "			x-110-24-x-x	
(5)	474	?	鼩鼱			39.5 gm	
(84)	475	?	"			37. gm	
(406)	476	?	"			33.5 gm	
19 Feb.							
(137)	477		鼩鼱.			32.5 gm	
(406)	478		"			37 gm	
(149)	479		"			36 gm	

read off 24 wen scale

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Catalog

Le-Le Hut, 5.5K Ba-Tong-Guan Historical trail, Xin-Yi Township, Nantou Co., Taiwan. 1560m

南投縣信義鄉樂樂小屋

19 Feb.								
(126)	480			數鼠			35 gm	
(78)	481			"			37 gm	
(189)	482			"			39.5 gm	
(467)	483			"			38 gm	
(86)	484	♀	~~Crocidura~~ Soriculus sp.	null.			137-68-14-10-5.5 gm	
(90)	485	♂	Apodemus semotus	scrotal 18X10	visible		212+-108+-25-18-31.5 gm	
(39)	486	~~♀~~♂	" "	not scrotal ~~testis~~. 5x3	not visible		195-102-25-17-21.5 gm	
(108)	487	♂	" "	~~testis~~ scrotal 18X10	visible		140+-43+-24-16-26 gm	
(40)	488	♀	" "	null.			195-105-25-16-20 gm	
(80)	489	♀	" "	teats swollen preg. L2R3	CRL 12 mm		209-111-24-18-28.5 gm	
(175)	490	♀	" "	teats swollen parus preg. L4R0	CRL 4 mm		225-120-22-15-32.5 gm	
(76)	491	♀	" "	null.			162+-75+-24-17-18.5 gm	
(58)	492	♂	" "	not scrotal t=5x3	not visible		195-108-23-16-21.5 gm	

Dui-Guan, 10.2K Ba-Tong-Guan Historical trail, Xin-Yi Township, Nantou Co., Taiwan. 1980m

南投縣信義鄉對關

19 Feb.								
(8)	493	♀	Soriculus fumidus	null.			114-45-13-8-5.5 gm	
(88)	494	♀	" "				122-54-14-9-6.5 gm	
(148)	495	♂	Anourosorex squamipes	t 5x3	sv. 5 mm		107-10-16-X-20.5 gm	
(20)	496	♀	Niviventer culturatus	null.			295-168-33-25-50 gm	
(97)	497	♂	" "	not scrotal	t 6x4	not visible	306-175-34-26-54 gm	
(179)	498	♂	" "	not scrotal	t 7x4	not visible	310-178-35-25-54 gm	

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Catalog

Dui-guan, 10.2 K, Ba-Tong-guan Historical trail, Xin-Yi Township, Nantou Co, Taiwan 1980 m

19 Feb. 南投縣信義鄉對關

(78)	499	♀	Niviventer confucianus = culturatus		null.		205+-80+-33-25-52gm	
(200)	500	♂	"	"	not scrotal	not visible	312-184-34-24-56gm	
(1)	501	♂	"	"	t 7×4 24×13 scrotal	visible	350-195-35-25-107gm	
(62)	502	♂	"	"	t 13×7 barely scrotal	not visible	332-191-34-24-68gm	
(186)	503	♀	"	"	null.		280-155-32-23-46gm	
(92)	504	♀	"	"	teats ~~teat elsewhere~~ swollen ~~navel~~. parus	placental scars	337-200-34-24-64gm	
(195)	505	♀	"	"	teats swollen parus	placental scars	359-206-33-25-80gm	
(29)	506	♀	"	"	null.		293-163-32-23-59gm	
(108)	507	♀	"	"	teat swollen parous	placental scars	367-206-35-26-92gm	
(104)	508	♀	"	"	null.		286-165-33-24-48gm	
(91)	509	♂	"	"	barely scrotal t 17×10	not visible	329-185-35-26-72gm	
(25)	510	♂	"	"	not scrotal t 5×3	not visible	260-153-~~30~~-23-36gm	
(136)	511	♀	"	"	teats swollen parous	placental scars	356-205-35-26-86gm	
(410)	512	♂	Apodemus semotus		not scrotal t 4×3	not visible	194-106-25-16-19.5gm	
(57)	513	♂	"	"	not scrotal 5×3	not visible	190-102-24-16-18gm	
(24)	514	♀	"	"	teats swollen parous	placental scars	210-113-23-17-23.5gm	
(4)	515	♀	"	"	null.		X-105-22-X-X	
(166)	516	♀	"	"	null.		X-96-22-X-X	
(137)	517	♀	"	"	null.		190-105-23-16-21gm	
(24)	518	♂	"	"	not scrotal 5×3	not visible	194-108-23-17-18.5gm	
(171)	519	♂	"	"	not scrotal 4×3	not visible	198-110-25-16-19gm	
(94)	520	♀	"	"	null. juv.		175-92-22-14-16gm	
(48)	521	♀	"	"	null. juv.		187-103-22-16-19gm	
(79)	522	♀	"	"	null juv.		182-106-23-16-17.5gm	

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Catalog

Dui-guan, 10.2 K Ba-Tong-guan Historical trail, Xin-yi Township, Nantou Co., Taiwan 1980m

南投縣信義鄉 對關

19 Feb.							
(10)	523	♀	Apodemus semotus	null.		201-110-23-16-20gm	
(187)	524	♂	"	"	not scrotal 5×3	not visible	X-104-23-16-X
(16)	525	♂	"	"	not scrotal 6×4	not visible	204-116-24-17-20gm
(158)	526	♂	"	"	not scrotal 6×4	not visible	210-115-24-16-19.5gm
(28)	527	♀	"	"	null.		206-116-23-16-19.5gm
(6)	528	♀	"	"	null.		200-114-23-15-18gm
(27)	529	♀	"	"	null.		182-98-23-17-18gm
(98)	530	♂	"	"	not scrotal	not visible 5×3	194-106-24-16-19gm
(142)	531	♀	"	"	null.		187-103-25-17-15.5gm
20 Feb.							
(67)	532	♀	Apodrosorex squamipes	null.			109-13-16-X-19gm
(108)	533	♀	"	"	null.		105-10-15-X-17gm
(146)	534	♀	Soriculus fumidus	null.			47-46-13-9-5gm
(36)	535	♂	"	"	t: 4×2		120-54-13-9-6.5gm
(47)	536	♀	"	"	null.		119-51-14-9-6gm
(48)	537	♀	"	"	null.		120-51-14-9-5.5gm
(48)	538	♀	Niviventer = culturatus confucianus	null.			290-174-36-24-47gm
(20)	539	♀	"	"	testis swollen scrotal 15×8	placental scars not visible	358-204-35-25-84gm
(98)	540	♂	"	"			392-224-36-28-110gm
(166)	541	♀	"	"	null.		287-168-33-23-52gm
(45)	542	♀	"	"	null.		342-190-33-26-88gm
(97)	543	♀	"	"	null.		234+-110+-33-24-44gm
(96)	544	♀	"	"	null.		354-206-34-26-87gm

H. T. Yu

1990

Catalog

Dui-guan, 10.2K Ba-Tong-guan Historical trail, Xin-yi Township, Nantou Co., Taiwan, 1980m

20 Feb. 南投縣信義鄉對關

⑨	545	♀	Niviventer = confucianus (culturatus)	null.		332-196-32-25-74gm
⑱	546	♂	Apodemus semotus	scrotal 18×8	visible	220-123-24-16-24gm
⑤⑧	547	♂	" "	not scrotal 5×3	not visible	188-102-24-16-17.5gm
⑬⑨	548	♀	" "	null.		186-105-25-16-18.5gm
⑲③	549	♀♂	" "	not scrotal .8×4	not visible	200-108-24-15-21.5gm
④	550	♂	" "	not scrotal 5×3	not visible	189-105-24-17-17.5gm
④③	551	♂	" "	not scrotal 4×2	not visible	192-101-24-16-17.5gm
⑦⑨	552	♂	" "	scrotal 15×8	visible	215-115-24-16-22.5gm
⑧	553	♀	" "	null.		188-102-23-17-16gm
⑧⑧	554	♀♂	" "	not visible not scrotal n~~ull~~. 4×3		190-102-23-16-19gm
⑮④	555	♀	" "	null.		221-119-25-17-24.5gm

Le-Le hut, 5.5K Ba-Tong-guan Historical trail, Xin-yi Township, Nantou Co., Taiwan, 1560m

20 Feb. 南投縣信義鄉樂樂小屋

⑲②	556	♂	Apodemus semotus	juv. not scrotal 4×3	not visible	174-94-23-16-14.5gm
⑤⑤	557	♂	" "	not scrotal 5×3	not visible	203-111-25-17-21.5gm
⑪①	558	♀	" "	teats swollen parous preg. r1 e2	CRL 4mm	208-107-23-16-26gm
⑦⑨	559	♀	" "	teats swollen parous preg.	placental scars	217-115-24-17-28gm
⑤⑧	560	♂	" "	barely scrotal 14×6	not visible	209-114-25-X-25.5gm
⑦⑤	561	♀	" "	null.		192-107-25-17-23gm
④⑦	562	♀	" "	Teats swollen parous		232-125-23-17-35.5gm
②③	563	♀	" "	juv. null.		178-94-23-15-17gm

H. T. Yu

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Catalog

Le-Le hut, 5.5K Ba-Tong-Guan Historical trail, Xin-Yi Township, Nantou Co., Taiwan 1560 m

南投縣信義鄉樂樂小屋

21 Feb.

(149) 564 ♂ Crocidura t=4x2 120-51-14-X-6.0 gm

(150) 565 ♂ Soriculus? t=4x2 144-73-15-X-5.5 gm

(79) 566 ♀ Apodemus semotus ~~not gravid~~ ~~not visible~~ null. 165 [illegible]-87-23-15-13.5 gm
teats swollen pubic opened
parous placental scars

(404) 567 ♀ " " 220-120-24-17-34 gm

Dui-Guan, 10.2K Ba-Tong-Guan Historical trail Xin-Yi Township, Nantou Co., Taiwan.

1980 m

21 Feb. 南投縣信義鄉對關

568 鼩鼱 32 gm

(193) 569 ♂ Anourosorex squamipes t=5x3 102-10-16-X-15.5 gm

(166) 570 ♂ " " t=4x3 103-10-16-X-16.5 gm

(46) 571 ♀ Soriculus fumidus null ~~t=4x4~~

(72) 572 ♂ " " t=4x3 117-50-15-9.6 gm
teats swollen
parous placental scar

(28) 573 ♀ Niviventer confucianus 295+-145+-32-25-88 gm

(42) 574 ♀ " " teats swollen 350-204-34-26-86 gm
parous placental scar
scrotal visible

(9) 575 ♂ " " t=19x12 370-212-34-26-107 gm

(99) 576 ♂ " " not scrotal not visible 297-175-33-24-54 gm
t=5x3

(152) 577 ♂ " " scrotal visible 345-193-35-26-88 gm
t=18x12

(20) 578 ♂ " " barely scrotal not visible 330-177-35-25-86 gm
t=15x12

(147) 579 ♀ Apodemus semotus null. 187-102-25-16-19 gm

(104) 580 ♂ " " not scrotal not visible 180-95-25-17-15 gm
t=5x3

(190) 581 ♂ " " not scrotal not visible 189-107-24-16-18 gm
4x3

(34) 582 ♂ " " not scrotal not visible 180-96-23-15-17.5 gm
6x4

(69) 583 ♂ " " barely scrotal not visible 197-108-23-16-21.5 gm
10x5

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Catalog

Dui-guan, 10.2K Ba-Tong-guan Historical trail,
Xin-yi Township, Nantou Co., Taiwan 1980m
南投縣信義鄉對關

21 Feb.

(90) 584 ♂ Apodemus semotus barely scrotal not visible 212-122-26-15-22 gm
(501) 585 ♂ " " 6×4 not scrotal 5×4 144+-55+-23-16-15 gm

22 Feb.

(410) 586 ♂ Soriculus fumidus 114-47-13-9-6.8 gm
(73) 587 ♂ " " 119-47-13-8-6 gm
(142) 588 ♂ " " t = 5×3 119-51-13-8-6 gm
(184) 589 ♂ Niviventer confucianus not scrotal not visible 304-176-33-24-59 gm
(97) 590 ♂ " " t = 4×3 not scrotal not visible 288-168-32-24-51 gm
(91) 591 ♀ " " t = 6×4 teats swollen placental scar 354-210-34-26-81 gm
(63) 592 ♀ Apodemus semotus juv. 168-92-22-14-17 gm
(147) 593 ? 數鳥 33.5 gm

Le-Le hut, 5.5K Ba-Tong-guan Historical trail,
Xin-yi Township, Nantou Co., Taiwan 1560m

22 Feb. 南投縣信義鄉樂樂小屋

(129) 594 ? 數鳥 38 gm
595 ? 鼩鼱 16 gm

Dui-guan, 10.2K Ba-Tong-guan Historical Trail
Xin-yi Township, Nantou Co., Taiwan, 1980m

23 Feb. 南投縣信義鄉對關

(46) 596 ♂ Anourosorex squamipes 108-10-16-X-21.5 gm
(148) 597 ♂ Apodemus semotus scrotal 18×10 visible 189-101-25-16-18.5 gm

H. T. Yu

1990

Catalog

Dui-Guan, 10.2 K Ba-Tong-Guan Historical Trail, Xin-Yi Township, Nantou Co., Taiwan 1980 m

南投縣信義鄉對關

22 Feb.						
(166)	598	♀	Apodemus semotus	null.	194-111-24-16-21gm	
(13)	599	♀	" "	null.	180-103-23-15-13gm	29gm
(53)	600	♀	" "	null.	192-106-24-16·17gm	45gm
(142)	601	♀	" "	null.	186-106-24-16-15·5gm	
(88)	602	♀	" "	teats swollen placental scars	213-115-25-16-24gm	
(20)	603	♂	" "	scrotal visible t = 18×12	202-109-25-15-21gm	gm
(34)	604	♀	" "	null.	188-107-24-16-15·5gm	3m
(67)	605	♀	" "	null.	174-98-25-16-16gm	
(99)	606	♀	Niviventer confucianus	null.	284-163-31-22-48gm	m
(104)	607	♀	" "	teats swollen placental scars	357-218-34-25-86gm	m
(51)	608	♂	" "	scrotal visible	382-224-36-27-125gm	21gm

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan, 1400 m

27 Feb.			南投縣信義鄉沙里仙		1400 m	22.5gm
	609		棕面鶯		22 gm	23gm
						75gm
28 Feb.						
(133)	610	♀	Anourosorex squamipes	teats swollen parous	110-13-16-x-20.5gm	m
sue only (404)	611	♂	" "	1st half of the body off		
(504)	612	♂	Apodemus semotus	scrotal visible 15×10	208-112-25-16-31.5gm	
(156)	613	♀	" "	teats swollen parous r2 l0 CRL 20mm	219-121-24-17-31gm	
(81)	614	♀	" "	null.	198-105-26-x-23gm	m

H.T. Yu

1990

Catalog

Shu-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan

南投縣信義鄉沙里仙步道

2000 m

28 Feb.						2000 m		
(195)	615	♂	Soriculus fumidus	6×3	visible	111-49-13-8.7gm		
(88)	616	♀	Microtus kikuchi = culturatus	null.		205-90-26-17-45.5gm	29gm	
(73)	617	♀	Niviventer confucianus	tents, swollen pelvis open		360-215-35-26-86gm	4.5gm	
(7)	618	♀	" "	null.		356-207-36-25-92gm		
(25)	619	♀	" "	null.		311-184-37-22-56gm		
(96)	620	♂	Apodemus semotus	barely scrotal 10×6	not visible	188-106-23-16-18.5gm	gm	
(186)	621	♀	" "	juv. null.		166-93-22-16-11gm	gm	
(187)	622	♂	" "	not scrotal 6×4	not visible	188-107-24-16-16gm		
(129)	623	♂	" "	not scrotal 8×5	not visible	201-117-27-16-19.5gm	gm	
(82)	624	♂	" "	scrotal 12×8	visible	212-117-26-16-26.5gm	gm	
(135)	625	♂	" "	scrotal 12×8	visible	204-117-25-17-22gm	21gm	
(84)	626	♂	" "	barely scrotal 10×6	not visible	191-108-25-15-18gm	24.5gm	
(114)	627	♀	" "	null.		207-116-24-17-23gm	23gm	
(108)	628	♀	" "	parous	placental scar	236-135-26-16-30gm		
(78)	629	♀	" "	null.		173-92-22-15-14.5gm		
(45)	630	♂	" "	~~scrotal~~ t = 15×10	visible	202-117-25-15-21.5gm		
							75gm	
March 28	(47)	♀	Apodemus semotus	null.		188-105-24-15-17.5gm		
(66)	632	♂	" "	barely scrotal 12×8	not visible	191-106-24-17-23gm	gm	
(97)	633	♂	" "	barely scrotal 12×8	not visible	193-105-24-16-20.5gm		
(7)	634	♂	" "	barely scrotal 13×7	not visible	199-107-25-16-23.5gm	gm	
(37)	635	♂	" "	barely scrotal 12×7	not visible	201-115-25-15-23gm	gm	
(190)	636	♀	" "	null.		193-106-25-16-21gm	gm	
(166)	637	♀	" "	null.		199-108-25-15-22.5gm	gm	

A. H. T. Yu

1990

Catalog

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan — 1400 m

南投縣信義鄉沙里仙 1400 m

1 March							
off by cardiac	(86)	638	♀ Eothenomys melanogaster	teats swollen preg.	r l l l	CRL 10 mm	
	(156)	639	♂ Apodemus semotus	scrotal 16×12	visible		224-126-25-17-29 gm
	(81)	640	♂ " "	barely scrotal 10×6	not visible		194-106-23-16-24.5 gm
2 March							
天抓到	(149)	641	♀ Anourosorex squamipes	null.			103-10-16-x-18 gm
	(86)	642	♂ " "	4×2			108-10-17-x-19 gm

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan — 2000 m

南投縣信義鄉沙里仙 2000 m

2 March						
(185)	643	♂ Eothenomys melanogaster	scrotal 6×4	visible		140-43-16-10-21 gm
(166)	644	♀ Apodemus semotus	null.			198-110-24-16-22.5 gm
(64)	645	♂ " "	barely scrotal 12×8	not visible		204-112-25-17-23 gm

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan. — unknow elevation

2 March						
skull + tissue	646	♂ Petaurista petaurista	scrotal			785-423-80-46-1375 gm

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan — 1400 m

3 March		南投縣信義鄉沙里仙				1400 m
(98)	647	♀ Anourosorex squamipes	null.	not visible		104-11-16-x-17 gm
(149)	648	♂ " "	5×3			102-10-15-x-17 gm
(88)	649	♂ Apodemus semotus	18×10 scrotal	visible		211-116-24-17-28.5 gm

A. H. T. Yu

1990

Catalog

Shu-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan

2000 m

3 March	南投縣信義鄉沙里仙				2000 m		30 m
(96)	650	♂ Soriculus fumidus	5×3	visible	115-48-14-8-7gm	95 gm	
(35)	651	♂ " "	6×4	visible	117-50-13-9-7.5 gm	9 gm	
(45)	652	♂ Apodemus semotus	scrotal 12×8	not visible	205-114-24-16-21.5 gm	gm	
(18)	653	♂ " "	scrotal 16×10	visible	209-111-26-16-27 gm	gm	
							v gm
4 March							7 gm
(139)	654	♀ Soriculus fumidus	null.		112-48-14-9-5gm	8 gm	
(49)	655	♂ " "	5×3	visible	115-57-15-9-5.5 gm	4.5 gm	
	656	♀ Apodemus semotus	null.		18g-107-25-17-18gm	05 gm	

Shu-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan

1460 m

1400 m

4 March	南投縣信義鄉幼里仙				1400 m		ship m
(39)	657	♀ Anourosorex squamipes	null.		104-9-15-x-18gm		
(199)	658	♂ " "	♂=6×3	visible	98-9-15-x-19gm	gm	

121 K S Cross-island Hwy. Tao-Yuan Township, Kaohsiung Co., Taiwan

1410 m

							m
							6 gm
							5 gm
8 March	高雄縣桃源鄉南橫公路 121 K				1410 m		7 gm
(66)	659	?	鼩鼱		34 gm	09 gm	
(59)	660	?	" "		34.5gm	9 gm	
(22)	661	?	" "		33 gm	5 gm	
(84)	662	♀	白尾鴝		28.5gm	9 gm	
(142)	663	♂	" " "		24.5gm	74 gm	
							1 gm

H. T. Yu
1990

Catalog

131.6 K S Cross-island Hwy., Tao-Yuan Township, Kaohsiung Co., Taiwan 1980m

10 March	高雄縣桃源鄉南橫公路 131.6K				1980m		0m
(408)	664	♀ Soriculus fumidus	null.		118-53-14-8-6.5gm		95gm
(118)	665	♂ Apodemus semotus	scrotal 15x8	visible	201-109-25-16-24gm		9gm
(13)	666	♂ " "	scrotal 18x10	visible	216-119-25-15-29gm		gm
(102)	667	♀ " "	null.		217-123-25-16-24.5gm		gm
(128)	668	♀ " "	null.		205-121-24-17-22gm		gm
(89)	669	♂ " "	not scrotal 5x3	not visible	198-115-25-17-18gm		7gm
(79)	670	♂ " "	not scrotal 6x3	not visible	196-110-23-16-18.5gm		gm
(175)	671	♀ " "	null.		217-124-24-17-24gm		4.5gm
(151)	672	♂ " "	not scrotal 8x4	not visible	198-114-25-16-22gm		.5gm
(54)	673	♂ " "	scrotal 18x12	visible	215-115-26-17-34gm		gm
(59)	674	♂ " "	scrotal 18x10	visible	220-123-25-16-39gm		ship, m
(401)	675	♀ Niviventer coxingi	null.		299-176-34-23-55gm		
(26)	676	♀ " "	null.		317-188-34-23-59gm		
							gm
11 March							m
(80) (18)	677	♂ Niviventer coxingi	scrotal 25x18	visible	412-234-37-27-142gm ~~185+-80+-25-16-34gm~~		6gm
(3) (10)	678	♂ Apodemus semotus	scrotal 18x12	visible	185+-80+-25-16-34gm		5gm
(26)	679	?			15gm		7gm
							09gm
12 March							9gm
(81)	680	♂ Soriculus fumidus	t=6*4	visible seminal vesicle yellow	111-49-13-9-7gm		5gm
(71)	681	♀ " "	null.		115-48-14-10-7.5gm		9gm
(21)	682	♀ " "	null.		120-51-14-9-7gm		74gm
(54)	683	♀ Niviventer coxingi	null.		304-183-34-23-57gm		1gm

T. Yu

1990

Catalog

131.6 K S Cross-island Hwy., Tao-Yuan Township, Kaohsiung Co., Taiwan 1980 m

12 March	高雄縣桃源鄉南横公路 131.6K 1980 m							
(102)	684	♀	Apodemus semotus	mull.			203-114-25-16-20 gm	
(13)	685	♂	" "	scrotal 16x10	visible		226-128-35-16.3 gm	
13 March								
(89)	686	♀	Soriculus fumidus	mull.			104-41-12-8-6 gm	
(17)	687	♂	" "	6x4	SV yellow		108-43-13-9-6.5 gm	
(63)	688	♂	" "	6x4	SV. yellow		115-47-14-9-6.5 gm	
(26)	689	♂	" "	6x4	S.V. yellow		105-39-13-9-6 gm	
(150)	690	♂	Niviventer coxingi	8x5 not scrotal	not visible		332-195-36-24-69 gm	
14 March								
(405)	691	♂	Soriculus fumidus	6x4	visible SV. swollen		117-49-14-8-7.5 gm	

In house. Tian-Chi Foestry Field Station, Tao-Yuan Township. Kaohsiung Co., Taiwan 2280 m

14 March	高雄縣桃源鄉林務局天池工作站 2280 m							
692	♂	Niviventer confucianus = cultratus	22x12	scrotal	visible		386-230-37-25-104 gm	

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan 2680 m

19 March	南投縣信義鄉沙里仙步道 2680 m							
(9)	693	♂	Soriculus fumidus	t=6x4	visible SV swollen		112-43-13-10-6 gm	
(57)	694	♂	" " ?	t=6x4	visible SV swollen		120-49-13-8-6.5 gm	
(18)	695	♀	" "	mull.			118-52-14-9-5.5 gm	

A. H. T. Yu

1990

Catalog

Sha-Li-Xian Trail, Xin-Yi Township, Nantou Co., Taiwan 2680 m

19 March 南投縣信義鄉沙里仙步道 2680 m

(28)	696	♂ Anourosorex squamipes	t = 4×3	not visible	105-11-15-X-18 gm	
(107)	697	♀ " "	null.	sv swollen	107-11-16-X-18 gm	
11 cases of grasses in mouth (42)	698	♂ Microtus Kikuchi = culturatus	scrotal 8×5	not visible	205-83-25-16-46.5 gm	
(34)	699	♂ Niviventer confucianus	scrotal 20×14	visible	358-203-35-25-98 gm	
(81)	700	♀ " "	null.		280+-141+-34-24-73 gm	
(52)	701	♀ " "	null.		286-170-32-24-50 gm	
(131)	702	♀ " "	null.		330-198-33-25-65 gm	
(152)	703	♂ Apodemus semotus	scrotal 16×10	visible	203-110-24-15-22 gm	
(30)	704	♂ " "	scrotal 15×10	visible	200-110-25-15-21 gm	
(87)	705	♂ " "	not scrotal 14×8	not visible	196-106-23-16-20 gm	
(195)	706	♀ " "			189-107-24-16-15 gm	
(72)	707	♂ " "	not scrotal 12×8	not visible	200-112-24-17-20 gm	
(46)	708	♀ " "	null.		203-117-25-16-19 gm	
(501)	709	♀ " "	teats swollen placenta scars	placental scars	195+-95+-24-17-24 gm	
(58)	710	♂ " "	not scrotal 11×8	not visible	197-109-24-16-18 gm	
(56)	711	♂ " "	not scrotal 8×5	not visible	193-105-23-16-18 gm	
(32)	712	♂ " "	scrotal 17×10	visible	215-117-26-16-27 gm	
Yushan NP (84)	713	♂ Eothenomys melanogaster	scrotal 6×4	visible sv swollen	130-39-16-10-20 gm	
(409)	714	♀ " "	teats swollen pelvic open	preg. 11 cRL 25 mm	128-36-16-10-21.5 gm	

Sha-Li-Xian Trail, Xin-Yi Township, Nantou Co., Taiwan 2400 m

19 March 南投縣信義鄉沙里仙步道 2400 m

(31) 715 ♀ Niviventer confucianus = culturatus null. 286-169-32-24-50 gm

A. H. T. Yu

1990

Catalog

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan — 2400 m

19 March	南投縣信義鄉沙里仙步道						2400 m	2400 m	P0 m
(102)	716	♂	Niviventer	= culturatus confucianus	not scrotal 5×3 testis small	not visible	333-205-36-23-68gm	95 gm	
(59)	717	♀	"	"			343-204-35-26-74gm	79 gm	
(77)	718	♂	"	"	parous not scrotal 4×3	not visible	315-196-36-24-60gm	2 gm	
(26)	719	♂	"	"	not scrotal 5×3	not visible	331-196-35-24-56gm	gm	
(21)	720	♂	Apodemus	semotus	scrotal 15×10	visible	208-119-24-16-22gm	0 gm	
(136)	721	♂	"	"	scrotal 18×12	visible	204-112-25-16-26.5gm	7 gm	
(183)	722	♂	"	"	barely scrotal 12×8	not visible	131+-42+-25-15-21gm	P gm	
(40)	723	♀	"	"	null.		182-103-24-16-16gm	4.5 gm	
(49)	724	♂	"	"	scrotal 15×8	visible	198-114-24-15-20gm	0.5 gm	
(23)	725	♀	"	"	null.		194+12-24-16-19gm	gm	
(148)	726	♂	"	"	barely scrotal 15×8	not visible	205-116-25-17-24.5gm	ship	
(91)	727	♂	"	"	barely scrotal 10×8	not visible	140+-47+-24-18-17.5gm	m	
(10)	728	♀	"	"	null.		177+-90+-24-15-18gm		
								gm	
20 March								m	
(41)	729	♂	Niviventer	= culturatus confucianus	scrotal 20×12	visible	408-230-37-27-120gm	6 gm	
(31)	730	♀	"	"	null.		345-203-33-26-75gm	5 gm	
(148)	731	♀	Apodemus	semotus	null.		182-98-24-17-16.5gm	7 gm	
(102)	732	♀	"	"	~~not~~ scrotal 17×10	visible	190-101-24-17-20gm	09 gm	
(21)	733	♂	"	"	scrotal 15×10	visible	194-105-24-15-18gm	9 gm	
								5 gm	
								9 gm	
								74 gm	
								1 gm	

H. T. Yu

1990

Catalog

Sha-Li-Xian Trail, Xin-Yi Township, Nantou Co., Taiwan

2680 m

20 March		南投縣信義鄉沙里仙步道				2680 m		80 m
(79)	734	♀ Niviventer confucianus = culturatus		testes swollen parous	placental scars	362-204-33-25-90gm		95 gm
(87)	735	♀ " "		small.		308-187-32-24-50gm		9 gm
(56)	736	♂ Apodemus semotus		scrotal 17×10	visible	231-128-26-16-28gm		2 gm
(195)	737	♂ " "		barely scrotal 15×8	not visible	221-125-24-17-29gm		gm
(49)	738	♂ Microtus Kikuchi		scrotal		210-87-26-15-48gm		0 gm
(58)	739	♀ " "	preg.	l2 ro	CRL 33mm	220-90-27-17-66gm		7 gm
(180)	740	♂ Eothenomys melanogaster		scrotal	visible	125-36-16-9-16.5gm		8 gm
NTU (97)	741	♂ " "		scrotal 6×5	visible	127-36-15-10-20gm		4.5 gm
(84)	742	♂ " "		scrotal 6×4	visible	130-35-16-10-18gm		0.5 gm
(107)	743	♀ Anourosorex squamipes		null.	not visible	102-11-06-x-16gm		gm
shan NP (64)	744	♂ " "		5×2		107-11-17-x-17.5gm		ship m
(96)	745	"	鼩鼱					

21 March

								gm
(79)	746	♂ Niviventer confucianus = culturatus		scrotal 20×12	visible	384-223-36-26-101gm		m
(24)	747	♂ Apodemus semotus		not scrotal 7×5	not visible	182-102-35-15-17.5gm		6 gm

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan

2400 m

								5 gm
								7 gm
								09 gm
21 March		南投縣信義鄉沙里仙步道				2400 m		9 gm
(143)	748	♂ Soriculus fumidus		♂ = 5×3	visible	113-47-12-9-6gm		5 gm
(150)	749	♂ Niviventer confucianus = culturatus		not scrotal 7×4	sv swollen not visible	242-145-30-21-25gm		9 gm
(77)	750	♀ " "		null.		324-190-33-24-60gm		74 gm
(98)	751	♂ " "		not scrotal 7×4	not visible	327 191-34-25-60gm		1 gm

H. T. Yu

1990

Catalog

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan 2400m

21 March	南投縣信義鄉沙里仙道				2400m	
(14) 752	♂ Apodemus semotus	scrotal, 6×10	visible		203-115-25-16-22.5gm	95 gm
(49) 753	♀ " "	null.			178-96-24-16-14gm	79 gm
(198) 754	♂ " "	not scrotal 9×6	not visible		186-102-23-15-18gm	2 gm
(14) 755	♀ " "	null.			212-122-24-16-21gm	gm
						gm
22 March						7 gm
(49) 756	♂ Soriculus fumidus = castaneus	6×4	visible		114-47-13-9-6.5gm	8 gm
(77) 757	♀ Niviventer confucianus	testes swollen preg.	sv swollen CRL 29mm	L2 80	336-194-34-24-74gm	4.5 gm
(115) 758	♂ " " juv.	not scrotal 7×4	not visible		240-141-30-21-25.5gm	.5 gm
(79) 759	♂ " "	scrotal 20×12	visible		390-230-36-26-96gm	gm
(254) 760	♀ Apodemus semotus	null.			178+-90+-24-17-18.5gm	Ship
(183) 761	♀ " "	null.			192-105-25-16-21gm	m
(148) 762	♀ " "	null.			184-98-23-16-15.5gm	
(167) 763	♂ " "	barely scrotal 12×7	not visible		197-107-25-16-20gm	gm
(354) 764	♂ " "	not scrotal 8×5	not visible		181-100-23-15-16.5gm	m

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan 2680m

						6 gm
						5 gm
						.7 gm
22 March	南投縣信義鄉沙里仙道				2680m	.09 gm
(24) 765	♀ Anourosorex squamipes	null.			108-11-16-X-17gm	9 gm
(28) 766	♂ Eothenomys melanogaster	scrotal 6×4	visible		130-39-16-9-17gm	5 gm
(39) 767	♀ Microtus kikuchi	preg.	r1, l2 CRL 6mm		202-81-25-15-5gm	1 gm
(158) 768	♂ " " tissue vial #767 Microtus	scrotal 7×6	visible		229-96-26-17-54gm	74 gm
(79) 769	♀ Niviventer confucianus tissue vial #768	scrotal 20×12	visible		374-212-37-26-213gm	1 gm

H. T. Yu

1990

Catalog

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan — 2680 m

22 March 南投縣信義鄉沙里仙步道 2680 m

(503) 770 ♀ Niviventer confucianus = culturatus — null. uteri swollen — 335-194-33-24-72gm

Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan — 2400 m

22 March 南投縣信義鄉沙里仙步道 2400 m

(169) 771 — 14 gm

23 March

(115) 772 ♂ Soriculus fumidus — 6×4 — visible sv swollen — 122-55-14-8-6.5gm

(112) 773 ♀ .. .. — null. — 115-48-13-9-5.5gm

(148) 774 ♀ Eothenomys melanogaster — preg. — r l e o CRL 8 mm — 137-41-16-11-20.5gm

NTU (14) 775 ♂ .. .. — scrotal 6×4 — visible — 133-38-16-10-18gm

NTU (25) 776 ♂ .. .. — scrotal 6×4 — visible — 142-39-16-10-17.5gm

(98) 777 ♀ Niviventer confucianus = culturatus — parous — placental scars — 348-200-33-24-74gm

(133) 778 ♀ Apodemus semotus — null. — — 195-109-24-16-17.5gm

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Sha-Li-Xian trail, Xin-Yi Township, Nantou Co., Taiwan — 2680 m

23 March 南投縣信義鄉沙里仙步道 2680 m

(83) 779 ♂ Soriculus fumidus = culturatus — 6×4 scrotal — visible sv swollen — 121-57-13-9-6.5gm

(93) 780 ♂ Niviventer confucianus — 20×12 scrotal — visible — 367-209-35-26-101gm

(37) 781 ♂ Eothenomys melanogaster — 6×5 scrotal — visible — 133-42-17-9-18.5gm

(503) 782 ♂ .. .. — 6×5 scrotal — visible — 130-35-16-10-19gm

H. T. Yu

1990

Catalog

Sha-li-Xian Trail, Xin-yi Township, Nantou Co., Taiwan — 2400 m — ip 2m

23 March — 南投縣信義鄉沙里仙步道 — 2400 m — 80 m

NTU 783 — 全圖. — 95 gm

135.3K S Cross-island Hwy, Tao-Yuan Township, Kaohsiung Co., Taiwan — 2280 m — 79 gm

28 March — 高雄縣桃源鄉南橫公路 135.3K — 2280 m — 2 gm

③ 784	♀	Soriculus fumidus	null.			113-50-13-9-6 gm	9 gm
(36) 785	♀	Anourosorex squamipes	null.			107-11-16-x-18gm	7 gm
(133) 786	♀	"	"	4×2	not visible	106-10-15-x-19gm	8 gm
(119) 787	♂	Eothenomys melanogaster	scrotal	7×4	visible	132-39-16-10-21 gm	4.5 gm
(409) 788	♂	"	"	barely scrotal 4×3	not visible	120-35-16-9-17 gm	0.5 gm
(404) 789	♀	"	"	teats small, ground squirrel abdominal two pairs	placental scar preg. CRL 2mm r l	133-37-16-9-23 gm	gm
(46) 790	♀	Niviventer confucianus = culturatus	null.	not scrotal	not visible	365-215-34-25-92 gm	ship
(15) 791	♂	"	"	5×3		330-198-35-25-64 gm	m
(11) 792	♀	"	"	null.		301-181-33-23-56 gm	
(48) 793	♂	"	"	scrotal 18×10	not visible	354-206-36-26-88 gm	gm
(105) 794	♀	"	"	null.		354-218-35-25-71 gm	m
(22) 795	♀	"	"	parous null.	teats swollen placental scars visible	347-210-35-26-79 gm	6 gm
(55) 796	♂	"	"	scrotal 20×12	sv swollen	368-214-35-26-95 gm	5 gm
(71) 797	♂	"	"	not scrotal 6×4	not visible	320-194-34-25-68 gm	7 gm
(23) 798	♀	"	"	null.		350-207-33-24-75 gm	09 gm
(61) 799	♀	Apodemus semotus	null.			213-119-24-16-24.5 gm	9 gm
(114) 800	♀	"	"	null.		211-117-23-16-22.5 gm	5 gm
(132) 801	♀	"	"	null.		198-111-25-16-20.5 gm	9 gm
(185) 802	♂	"	"	15×10 scrotal	visible	205-114-24-16-21.5 gm	74 gm
(65) 803	♀	"	"	null		215-116-25-16-24 gm	1 gm

H. T. Yu

1990

Catalog

135.3K S Cross-island Hwy, Tao-Yuan Township, Kaohsiung Co., Taiwan 2280 m

28 March	高雄縣桃源鄉	南橫公路	135.3K	2280 m	2280 m			
(101)	804	♀	Apodemus	semotus	null.		144+-53+-25-16-21 gm	95 gm
(21)	805	♀	..	..	null.		205-114-25-17-23 gm	79 gm
(181)	806	♂	..	..	scrotal 17x10	visible	215-119-25-16-23.5 gm	2 gm
(7)	807	♀	..	..	null.		202-111-24-15-17.5 gm	gm
(117)	808	♂	..	..	scrotal 18x10	visible	220-124-25-17-30 gm	gm
(75)	809	♀	..	..	null.		146+-65+-23-17-18.5 gm	7 gm
(407)	810	♂	..	..	not scrotal 8x5	not visible	178+-89+-25-16-22 gm	gm
(410)	811	♂	..	..	scrotal 18x10	visible	212-119-24-16-29.5 gm	4.5 gm
(108)	812	♂	..	..	not scrotal 8x5	not visible	198-108-24-16-22 gm	0.5 gm
(95)	813	♂	..	..	scrotal 18x11	visible	233-129-25-16-32 gm	gm
(63)	814	♀	..	..	null.		190+-98+-24-16-24 gm	Ship
(35)	815	♂	..	..	scrotal 18x12	visible	212-115-23-16-30 gm	m
(65)	816	♀	..	..	null.		192-108-23-16-13.5 gm	
(86)	817	♂	..	..	not scrotal 7x3	not visible	198-110-25-16-19.5 gm	gm
(23)	818	♂	..	..	scrotal 17x10	visible	202-112-24-16-26 gm	m
(41)	819	♀	..	..	null.		210-118-25-16-27 gm	6 gm
(191)	820	♂	..	..	not scrotal 6x3	not visible	197-111-23-16-20.5 gm	5 gm
(98)	821	♂	..	..	scrotal 18x10	visible	201-108-25-17-26.5 gm	7 gm
(42)	822	♂	..	..	scrotal 15x10	visible	206-127-26-17-27 gm	09 gm
(31)	823	♀	..	..	teats swollen parous	placental scars	208-111-24-16-28.5 gm	9 gm
(138)	824				數鳥		32.5 gm	5 gm
(90)	825				..		35 gm	9 gm
							74 gm	
							1 gm	

H. T. Yu

1990

Catalog

143.4 K S Cross-island Hwy. Tao-Yuan Township, Kaohsiung Co., Taiwan 2600 m

28 March 高雄縣桃源鄉南橫公路 143.4 K

(78)	826	♂	Soriculus fumidus	5×3	visible	122-50-14-9-7 gm	95 gm
(27)	827	♀	" "	null.		121-52-14-8-6.5 gm	9 gm
(502)	828	♀	Anourosorex squamipes	null.		108-10-16-x-18.5 gm	2 gm
(401)	829	♂	" "	4×3	not visible	102-11-16-x-12 gm	gm
(32)	830	♀	Eothenomys melanogaster	teats swollen	placental scars	133-40-15-9-20.5 gm	gm
(3)	831	♀	Microtus kikuchi	preg. r0 l2 CRL 5 mm		228-103-24-15-47 gm	7 gm
(92)	832	♂	" "	scrotal 10×6	visible	223-92-26-17-54 gm	gm
(66)	833	♂	Tamiops = culturatus	scrotal		245-117-36-16-67 gm	4.5 gm
(40)	834	♂	Niviventer Confucianus	not scrotal 8×5	not visible	352-215-36-25-72 gm	0.5 gm
(17)	835	♀	" "	teats swollen	placental scars	329-192-31-22-73 gm	gm
(10)	836	♀	" "	teats swollen parous	preg. r1 e1 CRL 15 mm	324-187-33-25-75 gm	
(402)	837	♂	" "	not scrotal 8×5	not visible	320-187-34-23-58 gm	
(197)	838	♂	" "	Not scrotal 6×3	not visible	349-203-34-24-79 gm	
(56)	839	♀	" "	null.		313-182-32-22-56 gm	gm
(43)	840	♀	" "	parous	placental scars	366-216-34-25-84 gm	m
(27)	841	♂	" "	scrotal 20×14	visible	357-205-35-25-94 gm	6 gm
(56)	842	♀	" "	parous	placental scars	360-209-35-25-81 gm	5 gm
(142)	843	♀	Apodemus semotus	null.		201-115-25-16-19 gm	7 gm
(116)	844	♀	" "	parous teats swollen	preg. l2 r1 CRL 6 mm	209-110-24-17-32.5 gm	09 gm
(166)	845	♂	" "	scrotal 20×12	visible	210-112-24-17-28 gm	9 gm
(57)	846	♀	" "	null.		201-112-24-16-22.5 gm	5 gm
(99)	847	♂	" "	scrotal 18×12	visible	220-116-25-17-30 gm	9 gm
(69)	848	♂	" "	scrotal 18×11	visible	224-122-25-16-34.5 gm	74 gm
(73)	849	♀	" "	null.		189-101-21-15-20 gm	3 gm

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A. H. T. Yu

1990

Catalog

143.4 K S Cross-island Hwy, Tao-Yuan Township, ip Kaohsiang Co., Taiwan 2600 m.m

28 March	高雄縣桃源鄉南橫公路 143.4 K					Pom
(72) 850	♂	Apodemus semotus	not scrotal 6×3	not visible	195-110-23-17-19.5 gm	95 gm
(58) 851	♂	" "	not scrotal 6×3	not visible	203-113-24-15-19.5 gm	9 gm
(13) 852	♂	" "	not scrotal 8×4	not visible	212-121-25-16-22.5 gm	2 gm
(103) 853	♀	" "	null.		210-118-25+16-22.5 gm	gm
(42) 854	♂	" "	scrotal 18×10	visible	201-109-23-16-25 gm	gm
(1) 855	♀	" "	parous	placental scars	215-121-25+7-24 gm	7 gm
(184) 856	♂	" "	scrotal 18×10	visible	228-128-25-15-28 gm	8 gm
(154) 857	♀	" "	~~null.~~ tests swollen	placental scars visible	220+121-26-17-26 gm	4.5 gm
(87) 858	♂	" "	scrotal 18×10		218-118-24-16-26 gm	0.5 gm
(41) 859	♂	" "	scrotal 15×10	visible	218-120-25+6-26.5 gm	gm
(99) 860	♀	" "	preg.	r2 l2 CRL 5mm	236-130-26-17-32 gm	~~ship~~
(66) 861	♀	" "	null.		202-116-23-17-20 gm	m
(79) 862	♀	" "	null.		197-111-23-16-19 gm	
(53) 863	♀	" "	tests swollen	placental scars	212-114-24-15-25 gm	gm
(135) 864	♀ ♂	" "	not scrotal 7×4	not visible	191-107-24-17-19.5 gm	
(87) 865	♂	" "	scrotal 17×10	visible	208-111-25+6-25 gm	6 gm
(28) 866	♂	" "	scrotal 18×10	visible	211-118-25-17-?	5 gm
(6) 867	♂	" "	scrotal 10×5	visible	203-108-24-17-24 gm	7 gm
(51) 868	♀	" "	tests swollen preg.	~~r7 l7~~ r2 l2 CRL 7mm visible	216-117-23-16-25.5 gm	09 gm
(22) 869	♂	" "	scrotal 17×10		215+15-25-16-30.5 gm	9 gm
(53) 870	♀	" "	null.		212-117-24-16-23.5 gm	5 gm
(98) 871	♀	" "	null.		195-109-24-15-17.5 gm	9 gm
872			~~殺~~			36.5 gm 74 gm
						3 gm

A. H. T. Yu

1990

Catalog

135.3 K S Cross-island Hwy., Tao-Yuan Township, Kaohsiung Co., Taiwan 2280 m

29 March		高雄縣桃源鄉南横公路	135.3 K			2280 m
	(64) 873	♀ Tamiops maritimus		teat swollen parous preg. l i r2	CRL 40 mm	262-133-35-16-95 gm
	(75) 874	♂	scrotal			237-112-33-15-59 gm
	(15) 875	♂	scrotal			227-104-35-15-62 gm
NTU	(3) 876	♂	scrotal 10×6	visible		230-102-34-15-66 gm
	(60) 877	♀ Niviventer confucianus = culturatus	teats swollen			378-213-35-26-100 gm
	(98) 878	♂	not scrotal 5×3	not visible		327-198-34-23-67 gm
	(95) 879	♀ Apodemus semotus	null.			202-114-25-15-18 gm
	(6) 880	♂	barely scrotal 12×8	not visible		200-111-25-16-24.5 gm
	(82) 881	♂	scrotal 18×10	visible		215-118-24-16-30.5 gm
discarded	(79) 882	鼩鼱				3.5 gm

143.4 K S Cross-island Hwy., Tao-Yuan Township, Kaohsiung Co., Taiwan 2600 m

29 March		高雄縣桃源鄉南横公路	143.4 K			
	(38) 883	♂ Soriculus fumidus	5×3	visible sv swollen		124-51-14-8-6.5 gm
	(118) 884	♂	5×3	visible sv swollen		119-50-14-9-7 gm
	(53) 885	♂ Anourosorex squamipes	4×3			108-10-15-x-16 gm
	(20) 886	♂ Niviventer confucianus = culturatus	not scrotal 7×3	not visible		353-215-36-24-75 gm
	(10) 887	♂	scrotal 20×12	visible		370-216-34-25-107 gm
	(105) 888	♂	scrotal 22×12	visible		365-217-35-25-109 gm
	(99) 889	♂	not scrotal 7×4	not visible		339-206-36-26-69 gm
	(21) 890	♀	null.			362-221-34-24-75 gm
	(104) 891	♂	not scrotal 6×3	not visible		337-204-33-24-69 gm
	(45) 892	♀	teats swollen parous	preg. r i li placental scars	CRL 3 mm	303+-164+-33-24-74 gm
	(85) 893	♂	not scrotal 5×3	not visible		332-196-34-25-63 gm

H. T. Yu

1990

Catalog

29 March 143.4K S Cross-island Hwy, Tao-Yuan Township, Kaohsiung Co., Taiwan 2600 m

高雄縣桃源鄉南橫公路 143.4K 2600m

(93)	894	♀	Niviventer confucianus = culturatus	teats swollen placental scars		351-203-35-25-89 gm
(47)	895	♂	"	"	barely scrotal 10×6	not visible 352-216-34-24-75 gm
(27)	896	♀	"	"	teats swollen placental scars	358-218-33-25-76 gm
(67)	897	♀	Apodemus semotus	teats swollen placental scars		207-110-25-16-28.5 gm
(152)	898	♀	"	"	null.	173-96-23-15-15 gm
(13)	899	♀	"	"	null.	191-100-23-16-19.5 gm
(72)	900	♀	"	"	null.	201-113-24-16-18.5 gm
(131)	901	♀	"	"	null.	189-104-23-16-19 gm
(2)	902	♀	"	"	null.	210-121-25-17-20 gm
(51)	903	♀	"	"	null.	194-104-24-14-18 gm
(17)	904	♀	"	"		205-116-25-17-24.5 gm
(110)	905	♀	"	"	null.	198-114-25-16-18 gm
(68)	906	♂	"	"	scrotal	visible 223-123-24-17-28 gm
(27)	907	♂	"	"	not scrotal	not visible 191-105-25-15-19 gm
(98)	908	♂	"	"	scrotal	visible 189+-89+-25-17-29 gm
(1)	909	♂	"	"	barely scrotal	visible 215-119-24-15-25 gm
(61)	910	♂	"	"	not scrotal	visible 215-122-26-16-21 gm
(166)	911	♂	"	"	scrotal	visible 178+-74+-26-17-32.5 gm
(503)	912	♀	"	"	null.	208-116-25-17-23 gm
(144)	913	♀	"	"	null.	188-105-23-15-16.5 gm
(29)	914	♀	"	"	null.	199-112-24-16-25.5 gm
(502)	915	♂	"	"	not scrotal	visible 215-120-26-16-24 gm
(188)	916	♀	"	"	null.	195-107-24-15-18.5 gm
(197)	917	♂	"	"	not scrotal	visible 210-118-25-16-23 gm

H. T. Yu

1990

Catalog

143.4K S Cross-island Hwy., Tao-Yuan Township, Kaohsiung Co., Taiwan 2600 m

29 March 高雄縣桃源鄉南橫公路 143.4K 2600 m

(401)	918	♀	Apodemus semotus	mul.		220-128-25-17-27.5 gm
(42)	919	♂	"	scrotal	visible	218-116-25-16-29 gm
(8)	920			雪眉		84 gm
(34)	921			雪眉		84 gm

135.3K S Cross-island Hwy., Tao-Yuan Township, Kaohsiung Co., Taiwan 2280 m

30 March 高雄縣桃源鄉南橫公路 135.3K 2280 m

(136)	922	♂	Anourosorex squamipes	5×3	not visible	104-11-16-x-19 gm
(404)	923	♂	"	5×3	not visible	108-11-16-x-19 gm
NTU (191)	924	♂	Soriculus fumidus	5×3	visible sv swollen	113-48-13-9-7.5 gm
(35)	925	♂	Tamiops maritimus	not scrotal		243-122-35-15-61 gm
(15)	926	♀	Niviventer confucianus = culturatus	mull.		336-202-35-25-73 gm
(60)	927	♂	"	scrotal 22×15	visible	356-203-36-25-96 gm
(75)	928	♂	"	scrotal 20×12	visible	371-220-35-25-97 gm
(76)	929	♀	"	mull.		323-198-33-23-58 gm
(85)	930	♀	Apodemus semotus	mull.		154+-58+-25-16-22.5 gm
(153)	931	♂	"	scrotal 20×10	visible	221-121-25-17-29.5 gm
(143)	932	♀	"	mull.		187-104-25-17-19 gm
(72)	933	♂	"	scrotal 18×12	visible	229-127-26-15-30 gm
(33)	934	♀	"	mull.		142-75-21-14-12 gm
(7)	935	♂	"	not scrotal 5×3	not visible	192-110-24-15-18 gm
(123)	936			鼓.臭		33 gm

H. T. Yu

1990

Catalog

143.4K S Cross-island Hwy., Tao-Yuan Township, Kaohsiung Co., Taiwan 2600 m

30 March 高雄縣桃源鄉南橫公路 143.4K 2600 m

(401)	937	♂	Soriculus fumidus	5×3	visible sv swollen	116-47-13-8-6.5 gm
(118)	938	♂	" "	5×4	visible sv swollen	116-50-13-9-7.5 gm
(10)	939	♂	Niviventer confucianus =culturatus	not scrotal 9×5	not visible	339-200-35-24-63 gm
(502)	940	♀	" "	teats swollen	placental scars	344-197-33-25-90 gm
(17)	941	♂	" "	scrotal 22×10	visible	380-222-35-26-106 gm
(53)	942	♂	" "	barely scrotal 15×8	not visible	358-209-36-25-100 gm
(89)	943	♂	" "	not scrotal 5×3	not visible	311-190-33-24-53 gm
(4)	944	♂	Apodemus semotus	scrotal 18×12	visible	222-121-25-17-31.5 gm
(93)	945	♀	" "	null.		206-113-26-17-23.5 gm
(84)	946	♀	" "	null.		206-115-25-15-24 gm
(58)	947	♀	" "	teats swollen		217-120-25-16-27.5 gm
(61)	948	♀	" "	teats swollen		215-125-25-16-32.5 gm
(2)	949	♀	" "	null.		225-128-24-18-27.5 gm
(78)	950	♀	" "	null.		211-118-24-16-28 gm
(41)	951	♂	" "	scrotal		210-115-24-16-28 gm
(503)	952	♀	" "	null.		220-126-25-17-26 gm
(97)	953	♂	" "	not scrotal		198-111-23-17-19.5 gm
(73)	954	♂	" "	not scrotal		198-111-24-16-20.5 gm
(50)	955	♀	" "	null.		183-99-24-16-21 gm
(166)	956	♂	" "	scrotal		128+-29+-25-16-26.5 gm
(135)	957	♀	" "	teats swollen		224-124-24-16-30 gm
(64)	958	♀	" "	teats swollen		219-118-24-16-34 gm
(152)	959	♂	" "	scrotal		215-116-24-16-27.5 gm
(146)	960	♀	" "	null.		198-110-23-15-20 gm

H.T. Yu

1990

Catalog

143.4 K S Cross-island Hwy., Tao-Yuan Township, Taidong, also Kaohsiung Co., Taiwan, 2600 m

30 March 高雄縣桃源鄉南橫公路 143.4K 2600 m

(117) 961 金冒

962 金冒

143.4 K S Cross-island Hwy., Tao-Yuan Township, Kaohsiung Co., Taiwan

31 March 高雄縣桃源鄉南橫公路 148.4K 2600 m

(107)	963	♂	Soriculus fumidus	5×4 scrotal	visible sv swollen	124-54-13-8-6.5 gm
(2)	964	♂	Microtus Kikuchi	9×6 scrotal	visible	215-90-27-18-53 gm
NTU (192)	965	♂	" "	few pieces of dicotyl leaves in mouth 8×6 scrotal	visible	215-95-25-15-45 gm
(34)	966	♂	Tamiops maritimus	11×7 scrotal	visible	243-106-33-14-70 gm
(90)	967	♂	" " = culturatus	11×7 scrotal	visible	238-108-33-16-70 gm
(501)	968	♂	Niviventer confucianus	7×4 not scrotal	not visible	352-210-34-25-76 gm
(68)	969	♂	" "	10×6 not scrotal	not visible	370-218-35-25-88 gm
(78)	970	♀	" "	testes swollen	placental scars	341-197-33-25-69 gm
(48)	971	♀	Apodemus semotus	null.		209-118-25-15-25 gm
(87)	972	♂	" "	5×2 not scrotal	not visible	181-100-23-15-15.5 gm
(46)	973	♂	" "	6×3 not scrotal	not visible	213-125-26-16-21.5 gm
(64)	974	♂	" "	4×2 not scrotal	not visible	179-98-23-15-15 gm
(139)	975	♀	" "	null.		208-115-25-17-24.5 gm
(503)	976	♀	" "	null.		120+-35+-24-16-14.5 gm
(97)	977	♀	" "	null.		197-112-24-16-20.5 gm
(46)	978	♂	" "	4×2 not scrotal	not visible	183-102-25-16-16 gm
(110)	979	♀	" "	null.		200-111-25-15-17 gm
(27)	980	♂	" "	4×2 not scrotal	not visible	203-110-25-16-20 gm
	981			金冒		85 gm

H. T. Yu

1990

Catalog

135.4 K S Cross-island Hwy, Tao-Yuan Township, Kaohsiung Co., Taiwan

高雄縣桃源鄉南橫公路 135.4K 2280 m

31 March					2280 m
(15) 982	♀	Soriculus fumidus	mul.		116-48-13-10-7gm
(404) 983	♂	Anourosorex squamipes	4×3		104-40-16-x-15gm
(42) 984	♀	" "	mul.		105-11-15-x-16.5gm
(406) 985	♂	Niviventer confucianus = culturatus	scrotal 20×12	visible	370-210-37-26-108gm
(114) 986	♂	Apodemus semotus	not scrotal 5×3	not visible	191-108-24-15-17gm
(46) 987	♂	" "	scrotal 16×10	visible	209-112-25-15-26gm
(178) 988	♂	" "	scrotal	visible	232-130-26-17-33.5gm
(76) 989	♂	" "	not scrotal 10×6	not visible	197-110-24-15-18.5gm
(86) 990	♂	" "	scrotal 18×12	visible	152+-55+-25-15-23gm
(17) 991	♂	" "	barely scrotal 14×8	visible	204-118-25-15-22gm
(7) 992			數具		339gm
1 April					
(3) 993	♀	Tamiops = culturatus	mul.		236-108-35-15-66gm
skull prep (54) 994	♀	Niviventer confucianus	mul.		339-205-34-25-75gm
(107) 995	♀	Apodemus semotus	mul.		175+-85+-24-16-15.5gm
(408) 996	♂	" "	scrotal 15×10	visible	204-112-25-16-23gm

143.4 K S Cross-island Hwy. Tao-Yuan Township, Kaohsiung Co., Taiwan

高雄縣桃源鄉南橫公路 143.4K 2600 m

(27) 997	♂	Soriculus fumidus	5×4	visible sv swollen	115-48-13-8-7gm
(139) 998	♂	" "	5×4	visible sv swollen	112-48-12-8-6gm
(188) 999	♀	" "			121-50-14-9-6.5gm
(53) 1000	♀	Microtus kikuchi	preg. r2 l0	CRL 24 mm	217 88-26-15-58gm
(36) ~~1000~~ 1001	♂	Niviventer confucianus = culturatus	scrotal 20×15	visible	365-211-35-26-106gm

H. T. Yu

1990

Catalog

143.4 K S Cross-island Hwy, Tao-Yuan Township, Kaohsiung Co., Taiwan 2600 m

高雄縣桃源鄉南橫公路 143.4 K 2600 m

(12)	1002	♂	Niviventer confucianus (= cultiratus)		scrotal 25×12	visible	362-210-35-24-98 gm
(45)	1003	♀	..	..	teats swollen	placental scar	358-209-34-24-82 gm
(27)	1004	♀	..	..	null.		319-188-35-25-59 gm
(89)	1005	♂	Apodemus semotus		teats swollen prog. ♀ 2 l 1 CRL 17 mm		235-131-25-16-37.5 gm
skull only	(96)	1006	♀	..	..	null.	219-125-26-17-26 gm
(50)	1007	♀	..	..	scrotal 16×10	visible	228-127-25-17-30 gm
(89)	1008	♂	..	..	scrotal 18×10	visible	229-123-25-16-27 gm
(64)	1009	♀	..	..	teats swollen	placental scars	225-118-25-16-32 gm
(146)	1010	♂	..	..	barely scrotal 10×6	not visible	209-111-25-16-24.5 gm
(78)	1011	♂	..	..	scrotal 18×10	visible	236-130-25-17-31.5 gm
(69)	1012	♂	..	..	not scrotal 3×2	not visible	143+-55+-24-16-17 gm
(84)	1013	♂	..	..	scrotal 15×10	visible	219-113-25-17-23 gm
NTU	(28)	1014	鼩				7.5 gm

16 K Ba-Tong-guan Historical trail, Xin-Yi Township, Nantou Co., Taiwan 2700 m

7 April 南投縣信義鄉八通關古道 2700 m

(131)	1015	♀	Soriculus fumidus		prey. ♀2 l2 CRL 7 mm		114-48-15-9-7 gm
(171)	1016	♀	..	..	null.		118-53-14-8-6.5 gm
(91)	1017	♀	Microtus Kikuchi		prey. l2 r0 CRL 2 mm		200-77-24-16-40 gm
(111)	1018	♂	..	..	scrotal 8×5	visible	216-90-25-14-40 gm
(93)	1019	♀	..	..	null.		207-82-24-16-39 gm
(71)	1020	♀	..	..	null.		189-78-23-15-37 gm
(25)	1021	♀	..	..	prey.	l1 r1 CR 5 mm	203-82-24-x-39 gm

H. T. Yu

1990

Catalog

1b K Ba-Tong-guan Historical Trail, Xin-Yi Township, Nanten Co., Taiwan 2700 m

7 April 南投縣信義鄉八通關古道 2700 m

(70)	1022	♀	Microtus kikuchi = culturatus	preg. r2 lo	CRL 2mm placental scars	195-75-24-15-42 gm
(98)	1023	♀	Niviventer confucianus			357-212-33-24-75 gm
(38)	1024	♀	"	"	null.	326-205-34-25-58 gm
(99)	1025	♀	"	"	null.	322-198-33-24-65 gm
(79)	1026	♀	"	"	null.	350-210-35-25-72 gm
(100)	1027	♀	Apodemus semotus		null.	195-105-25-16-15.5 gm
(46)	1028	♀	"	"	null.	198-103-23-17-24 gm
(502)	1029	♂	"	"	scrotal 18×12	visible 191+-96+-25-15-24 gm
(56)	1030	♂	"	"	barely scrotal 14×10	not visible 193-105-25-16-22.5 gm
(127)	1031	♀	"	"	null.	188-99-24-15-15 gm
(89)	1032	♂	"	"	not scrotal 9×5	not visible 211-118-25-16-19.5 gm
(61)	1033	♀	"	"	null.	201-110-25-17-18.5 gm
(187)	1034	♀	"	"	null.	197-108-26-16-17.5 gm
(4)	1035	♂	"	"	scrotal 16×10	visible 211-115-25-17-24.5 gm

12.8K Ba-Tong-guan Historical Trail, Xin-Yi Township, Nanten Co., Taiwan 2300 m

7 April 南投縣信義鄉八通關古道 2300 m

(504)	1036	♀	Soriculus fumidus		null.	124-51-15-8-7 gm
(10)	1037	♀	"	"	null.	121-50-14-9-6.5 gm
(141)	1038	♂	"	"	5×3	visible sv swollen 109-47-14-8-6.5 gm
(20)	1039	♀	"	"		120-49-13-9-6 gm
(165)	1040	♀	Niviventer confucianus = culturatus		null.	337-208-33-25-64 gm
(115)	1041	♀	"	"	null.	315-197-34-25-55 gm
(46)	1042	♂	"	"	scrotal 18×12	visible 364-215-35-24-89 gm

A. H. T. Yu

1990

Catalog

12.8K Ba-Tong-guan Historical Trail, Xin-Yi Township, Nantou Co., Taiwan 2300 m

7 April 南投縣信義鄉八通關古道 2300 m

= culturatus

(137)	1043	♀	Niviventer confucianus	null.		329-205-34-24-61 gm
(71)	1044	♀	.. ..	teats swollen	placental scars	360-223-35-26-84 gm
(55)	1045	♀	.. ..	teats swollen	placental scars	356-212-35-25-86 gm
tissue only	1046	♀	.. ..	teats swollen		348-210-34-24-75 gm
(57)	1047	♀	Apodemus semotus	teats swollen	placental scars	205-112-24-16-21.5 gm
(181)	1048	♂	.. ..	scrotal 17×10	visible	195+-95+-26-17-26.5 gm
(19)	1049	♀	.. ..	null.		195-105-25-17-18 gm
	1050	♂	.. ..	not scrotal 5×3	not visible	189-102-23-15-15 gm
(75)	1051	♂	.. ..	scrotal 17×10	visible	188+-84+-25-16-25.5 gm
(138)	1052	♂	.. ..	not scrotal ?	not visible	128+-46+-24-16-15 gm
(43)	1053	♂	.. ..	not scrotal 5×2	not visible	189-101-25-16-17 gm
(136)	1054	♀	.. ..	null.		201-110-25-16-20 gm
(114)	1055	♀	.. ..	null.		185-99-22-16-17 gm
(72)	1056	♀	.. ..	null.		198-109-26-15-18 gm
(117)	1057	♀	.. ..	null.		198-111-25-16-17 gm
(23)	1058	♀	.. ..	teats swollen. null.	placental scars	219-121-24-15-25.5 gm
(132)	1059	♀	.. ..	null.		182-101-24-16-18 gm
(33)	1060	♀	.. ..	null.		188-105-24-16-15 gm
(404)	1061	♂	.. ..	scrotal 10×6	not visible	210-114-25-16-21.5 gm
(405)	1062	♀	.. ..	null.		177-98-23-15-14 gm
(50)	1063	♀	.. ..	null.		199-108-23-16-19.5 gm
(408)	1064	♂	.. ..	not scrotal 4×3	not visible	205-111-26-16-20 gm

H. T. Yu

1990

Catalog

16K Ba-Tong-Guan Historical Trail, Xin-Yi Township, Nantou Co., Taiwan 2700 m

April 8 March 南投縣信義鄉八通關古道 2700 m

(21)	1065	♂	Anourosorex squamipes	5×3 scrotal	not visible	104-11-16-X-17.5 gm
(74)	1066	♂	Tamiops maritimus = culturatus	with pigments		243-115-35-15-71 gm
(4)	1067	♀	Niviventer confucianus	null.		336-204-36-25-63 gm
(43)	1068	♀	" "	null.		335-203-33-23-63 gm
(162)	1069	♀	" "	null.		319-183-32-24-60 gm
(96)	1070	♂	" "	barely scrotal 15×10	not visible	351+-201+-35-26-86 gm
(70)	1071	♂	" "	scrotal 20×12	visible	351-194-35-24-97 gm
(98)	1072	♀	" "	null.		357-203-34-27-81 gm
(39)	1073	♂	Apodemus semotus	scrotal 15×10	visible	197-104-24-16-24.5 gm
(127)	1074	♂	" "	barely scrotal 12×7	visible	156+-67+-25-16-24.5 gm
(54)	1075	♂	" "	scrotal 18×10	visible	214-115-26-16-30 gm
(56)	1076	♂	" "	barely scrotal 14×7	visible	208-113-26-16-19.5 gm
(20)	1077	♂	" "	scrotal 18×10	visible	210-110-25-16-27.5 gm

12.8K Ba-Tong-Guan Historical trail, Xin-Yi Township, Nantou Co., Taiwan 2300 m

April 8 March 南投縣信義鄉八通關古道 2300 m

(144)	1078	♀	Microtus kikuchi	preg. rib	CRL 7 mm	91-75-24-14-37.5 gm
(71)	1079	♂	Niviventer confucianus = culturatus	barely scrotal 10×6	not visible	356-204-35-24-88 gm
(48)	1080	♂	" "	not scrotal 6×3	not visible	340-202-34-25-66 gm
(75)	1081	♀	Apodemus semotus	null.		218-118-26-17-25 gm
(75)	1082	♀	" "	null.		197-110-25-16-18 gm
(81)	1083	♂	" "	not scrotal 5×3	not visible	195-105-25-18-19.5 gm
(89)	1084	♀	" "	null placental scars		192-110-25-16-17 gm
(132)	1085	♀	" "			152+-50+-25-15-22.5 gm

A. H. T. Yu

1990

Catalog

12.8K Ba-Tong-Guan Historical trail, Xin-Yi Township, Nantou Co., Taiwan 2300 m

8 April 南投縣信義鄉、八通關古道 2300 m

(10)	1086	♂	Apodemus semotus	barely scrotal 10×5	not visible	182-99-23-15-15.5 gm
(19)	1087	♀	" "	null.		194-105-24-16-18 gm
(65)	1088	♂	" "	scrotal 15×10	visible	207-111-26-15-24 gm
(182)	1089	♀	" "	null.		189-108-24-17-14 gm

9 April

(108)	1090	♀	Soriculus fumidus	null		116-47-15-9-6.5 gm
(403)	1091	♂	Niviventer confucianus = culturatus	not scrotal	not visible	335-198-35-24-66 gm
(75)	1092	♀	" "	null.		336-192-33-23-70 gm
(47)	1093	♂	Apodemus semotus	not scrotal 8×3	not visible	197-113-25-16-17 gm
(137)	1094	♀	" "	null.		188-102-23-16-17.5 gm
(41)	1095	♀	" "	null.		200-107-26-17-17.5 gm
(119)	1096	♂	" "	barely scrotal 9×5	not visible	198-108-25-16-21 gm
(50)	1097	♂	" "	not scrotal 5×2	not visible	195-105-25-16-18.5 gm
(151)	1098	♂	" "	scrotal 18×12	visible	221-116-25-17-30 gm
(109)	1099	♀	" "	null.		199-108-26-17-18 gm
(189)	1100	♂	" "	scrotal 17×10	visible	210-111-25-15-23.5 gm
(160)	1101	♂	" "	not scrotal	not visible	191-105-25-16-18 gm

16K Ba-Tong-Guan Historical trail, Xin-Yi Township, Nantou Co. Taiwan 2700 m

9 April 南投縣信義鄉八通關古道 2700 m

(90)	1102	♀	Microtus Kikuchi	null.		200-84-23-15-39 gm
(71)	1103	♀	Tamiops maritimus	testes swollen preg. l2 r0	CRL 8 mm	240-105-35-16-64 gm
(8)	1104	♀	" "	preg. testes swollen l2 r1	CRL 35 mm	230-107-32-15-76 gm
(9)	1105	♀	Anourosorex squamipes	null.		106-12-16-x-19 gm

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12.8K Ba-Tong-Guan Historical Trail, Xin-Yi Township, Nantou Co., Taiwan 2300 m

9 April 南投縣信義鄉八通關古道 2300 m

(107) 1106 鬚胸鶇鶲 16 gm

16K Ba-Tong-Guan Historical Trail, Xin-Yi Township, Nantou Co., Taiwan 2700 m

9 April 南投縣信義鄉八通關古道 2700 m

(132) 1107 白眉林鴝 14 gm

10 April

(111) 1108 ♀ Soriculus fumidus null. 115-48-14-8-6.5 gm

(51) 1109 ♂ .. .. 5×3 visible su swollen 115-46-13-8-7 gm

(66) (63) 1110 ♀ Apodemus semotus null. not visible 146+-59+-24-16-18 gm

(56) 1111 ♂ .. .. not scrotal 13×6 196-108-25-17-22.5 gm

(191) 1112 ♂ Microtus kikuchi scrotal 7×5 visible 205-86-24-15-43.5 gm

(25) 1113 ♀ .. .. preg. RLCL CRL 15 mm 210-85-25-16-47.5 gm

(57) 1114 ♂ .. .. scrotal 7×5 visible 193-80-25-15-39 gm

(90) 1115 ♀ .. .. null. 201-85-25-16-44 gm

12.8K Ba-Tong-Guan Historical Trail, Xin-Yi Township, Nantou Co., Taiwan 2300 m

10 April 南投縣信義鄉八通關古道 23 m

(66) 1116 ♂ Niviventer confucianus = cultratus scrotal 20×12 visible 375-213-37-25-100 gm

(109) 1117 ♂ Apodemus semotus not scrotal 5×2 not visible 177-98-23-15-15 gm

(26) 1118 ♂ .. .. not scrotal 7×4 not visible 199-109-24-15-18 gm

(43) 1119 ♂ .. .. not scrotal 5×3 not visible 183-100-24-16-15 gm

(79) 1120 ♂ .. .. Not scrotal 5×3 not visible 185-106-26-16-19 gm

~~(48) 1121 .. ..~~

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Catalog

12.8 K Ba-Tong-Guan Historical Trail, Xin-Yi Township, Nantou Co., Taiwan — 2300 m

11 April		南投縣信義鄉八通關古道				2300 m
(65)	1121	♀ *Microtus kikuchii*				209-87-25-17-44 gm
(38)	1122	♂ *Apodemus semotus*	scrotal 17×10	visible		210-112-24-15-27.5 gm
(198)	1123	♀	placental scars			209-110-25-16-20 gm
(15)	1124	♂	scrotal 17×10	visible		215-115-26-15-23.5 gm
(119) (38)	1125	♂	not scrotal	not visible		190-102-25-16-18 gm
(121)	1126	♀	null.			196-109-25-16-16 gm

16K Ba-Tong-Guan Historical Trail, Xin-Yi Township, Nantou Co., Taiwan — 2700 m

11 April		南投縣信義鄉八通關古道				2700 m
(81) (8)	1127	♂ *Soriculus fumidus*	6×4	visible	sv swollen	124-51-14-9-7.5 gm
(191)	1128	♂ *Anourosorex squamipes*	6×4			108-10-16-x-19 gm
(45)	1129	♂				107-11-16-x-18 gm
(2)	1130	♂ *Tamiops maritimus*	scrotal 12×8	visible		242-113-35-16-68 gm
(38)	1131	♀ *Apodemus semotus*	null.			184-103-23-16-15 gm
(8)	1132	♀	teats swollen	placental scars		198-101-24-16-25 gm
(29)	1133	♂	scrotal 16×9	visible		213-112-24-16-29 gm
(197)	1134	♂	scrotal 17×10	visible		213-110-26-17-30.5 gm
(36)	1135	♂ " ..	barely scrotal 8×5	not visible		214-124-26-16-23 gm
(188)	1136	♂	scrotal	visible		200-103-25-15-25.5 gm
(20)	1137	♀ .. "	null.			199-105-25-15-22 gm
(84)	1138	♀	null.			190-102-24-16-20.5 gm

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1990

Catalog

1.5 km up from Lao-Nong-Xi camp site, Xin-Yi Township, Nantou Co., Taiwan 3670 m

20, April 南投縣信義鄉老濃營地上緣 3670 m

(402)	1139	♂	Soriculus fumidus	5×4	visible sv swollen	126-53-15-9-7 gm
(147)	1140	♂	.. ..	5×4	visible sv swollen	116-48-13-9-7.5 gm
(184)	1141	♀	.. ..	teats swollen		127-54-13-9-7 gm
(502)	1142	♀	Microtus Kikuchi	null.		198-79-24-15-40 gm
(46)	1143	♂	.. ..	scrotal 7×5	visible	212-92-24-17-49 gm
(138)	1144	♀	.. ..	~~null.~~ preg.	f1 l2 CRL 5 mm	220-91-25-16-54 gm
(160)	1145	♀	Niviventer = culturatus confucianus	null.		221-181-34-25-71 gm
(97)	1146	♂	Apodemus semotus	not scrotal 8×4	not visible	191-103-25-15-22 gm
(73)	1147	♂	.. ..	not scrotal 7×4	not visible	208-114-25-17-22 gm
(43)	1148	♀	.. ..	null.		190-105-25-16-11.5 gm
(404)	1149	♂	.. ..	scrotal 15×10	visible	208-110-26-16-29.5 gm
(56)	1150	♂	.. ..	barely scrotal 12×8	not visible	208-110-25-16-25 gm
(5)	1151	♂	.. ..	scrotal 17×10	visible	216-119-25-16-25.5 gm
(107)	1152	♀	.. ..	teats swollen placental scars		209-111-25-17-25 gm

1 km down from Lao-Nong-Xi camp site, Xin-Yi Township, Nantou Co., Taiwan 3240 m

20 April 南投縣信義鄉老濃營地下緣 3240 m

(23)	1153	♂	Niviventer = culturatus confucianus	scrotal 21×12	visible	349-196-35-16-102 gm
(21)	1154	♀	.. ..	teats swollen placental scars		246+-96+-34-26-95 gm
(17)	1155	♀	.. ..	~~null.~~ teats swollen	preg. f3 l0 CRL 20 mm	332-188-33-25-89 gm
(18)	1156	♀	.. ..	teats swollen	placental scars	331-180-33-25-86 gm
(86)	1157	♂	Apodemus semotus	scrotal 20×10	visible	188+-83+-24-17-31 gm
(509)	1158	♂	.. ..	not scrotal 8×4	not visible	196-107-25-16-19 gm
(24)	1159	♂	.. ..	scrotal 17×12	visible	213-120-24-17-20.5 gm

A. H. T. Yu

1990

Catalog

1 km down from Lao-Yong-Xi Camp site, Xin-Yi Township, Nantou Co., Taiwan, 3240 m

20 April	南投縣信義鄉老濛營地下游					3240 m
(65)	1160	♀	Microtus Kikuchi	preg.	L I V I CRL 7 mm	212-84-24-16-45 gm
(91)	1161	♂	" "	scrotal 8×5	visible	202-80-23-17-50 gm
(119)	1162	♀	" "	preg.	L I V I CRL 15 mm	210-88-25-17-48 gm
(410)	1163	♂	" "	barely scrotal 7×4	not visible	220-91-26-16-52 gm
(121)	1164	♂	Anourosorex squamipes	6×4	SU swollen?	108-10-16-x-23 gm
(19)	1165	♂	" "	6×3		110-11-16-x-20 gm
(9)	1166	♀	" "	teats small		109-10-16-x-24.5 gm

21 April

(33)	1167	♀	Microtus kikuchi	null.		203-85-26-17-42 gm
(72)	1168	♂	" "	scrotal 8×5	visible	205-85-24-17-44 gm
(91)	1169	♀	" "	null.		198-82-24-16-39.5 gm
(86)	1170	♀	Apodemus semotus	teats swollen		213-116-24-16-27 gm
(121)	1171	♀	Anourosorex squamipes	teats swollen		114-10-16-x-26 gm

1.5 km up from Lao-Nong-Xi Camp site, Xin-Yi Township, Nantou Co., Taiwan 3670 m

21 April	南投縣信義鄉老濛營地上坡約					3670 m
(34)	1172	♂	Tamiops	scrotal	visible	230-104-34-16-76 gm
(3)	1173	♂	Microtus Kikuchi	scrotal 7×5	visible	178+-51+-24-15-55 gm
(50)	1174	♀	" " = culturatus	null.		207-83-25-17-47.5 gm
(80)	1175	♂	Niviventer confucianus	scrotal 21×12	visible	349-189-34-26-128 gm
(75)	1176	♂	Apodemus semotus	barely scrotal 14×8	not visible	205-114-26-17-26.5 gm
(43)	1177	♀	" "	null.		194-106-25-17-20 gm
(167)	1178	♀	" "	teats swollen	placental scars	199-109-25-16-24 gm
(166)	1179	♂	" "	barely scrotal 15×8	not visible	201-110-24-16-23.5 gm

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Catalog

1.5 km up from Lao-Nong-Xi camp site, Xin-Ji Township, Nantou Co., Taiwan 3670 m

22 April 南投縣信義鄉羌巒營地上面和下 3670 m

(124)	1180	♂	Tamiops maritimus	scrotal		245-107-34-16-75 gm
(104)	1181	♀	Niviventer confucianus = culturatus null.			309-178-33-25-63 gm
(40)	1182	♂	Apodemus semotus	not scrotal 7×4	not visible	188-103-24-17-22 gm
(76)	1183	♂	" "	barely scrotal 15×10	visible	208-109-25-16-28 gm
(5)	1184	♂	Soriculus fumidus	5×3	visible SV swollen	121-52-14-9-8 gm

1 km down from Lao-Nong-Xi camp site, Xin-Ji Township, Nantou Co., Taiwan 3240 m

22 April 南投縣信義鄉羌巒營地下冷杉林 3240 m

(71)	1185	♀	Microtus kikuchi	null.		189-75-24-17-40.5 gm
(86)	1186	♂	" "	scrotal 7×5	visible	204-83-25-15-48 gm
(104)	1187	♀	Niviventer confucianus = culturatus	testis swollen preg. l2 r1 CRL 30 mm		364-199-34-25-119 gm
(69)	1188	♀	" "	testis swollen 2+2=8		346-194-35-25-92 gm
(88)	1189	♂	Apodemus semotus	scrotal 18×12	visible	215-119-25-16-26 gm
(31)	1190	♂	" "	scrotal N6×10	visible	216-119-25-17-29 gm

23 April

(86)	1191	♂	Microtus kikuchi	scrotal 7×5	visible	210-85-25-16-45 gm
	1192	♀	" "	null.		194-87-25-16-45 gm
	1193	♀	" "	null.		198-82-24-17-39.5 gm
(25)	1194	♂	Niviventer confucianus = culturatus	scrotal 20×12	visible	344-194-36-25-124 gm
(104)	1195	♂	" "	scrotal 20×12	visible	374-206-37-25-139 gm

24 April

(86)	1196	♀	Microtus kikuchi	null.		205-77-25-16-43 gm
(125)	1197	♀	" "	preg. l2 r0 CRL 10 mm testis swollen 1+2=6		210-80-26-16-48 gm
(4)	1198	♀	Apodemus semotus			227-120-25-17-30 gm

H. T. Yu

1990

Catalog

1 km down from Lao-Nong-Xi campsite, Xin-Yi Township, Nantou Co., Taiwan 3240 m

24 April 南投縣信義鄉老農營地下冷杉林 3240 m

⑲ 1199 ♀ †Anourosorex squamipes null. 110-12-16-X-14.5gm

3 km up from Pai-Yun Hostel on trail to Yun-Feng camp site, Alishan Township, Chiayi Co. Taiwan 3650 m

1 May 嘉義縣阿里山鄉 3650 m

⑥③	1200	♂	Apodemus semotus	barely scrotal 12×7	not visible	195-108-25-16-20.5gm
⑦⑥	1201	♂	.. ..	scrotal 18×10	visible	204-107-25-17-24.5gm
④11	1202	♂	.. ..	scrotal 20×12	visible	222-121-25-17-27.5gm
⑲⑥	1203	♀	.. ..	preg. l3 r1 CRL 2mm		203-106-25-17-25gm
⑯⑥	1204	♂	.. ..	not scrotal 6×3	not visible	200-109-26+7-20gm
⑨③	1205	♂	.. ..	scrotal 12×8	not visible	197-105-25-16-21gm
⑪④	1206	♀	.. ..	teats swollen preg.	l1 r2 CRL 15mm	197-104-25-15-24gm
③③	1207	♂	.. ..	not scrotal 10×6	not visible	202-111-25-16-17.5gm
④③	1208	♀	†Microtus Kikuchi	teats swollen preg.	l2 r0 CR 10mm	200-79-24-16-47.5gm
⑪⑤	1209	♀	.. ..	null.		207-77-24-15-48gm
②0	1210	♂	Soriculus fumidus	5×4	visible sv swollen	118-50-14-9-8gm

2 km down from Pai-Yun Hostel on trail to Ta-Ta-Jia saddle, Alishan Township, Chiayi Co. 3220 m Taiwan

1 May 嘉義縣阿里山鄉

④0	1211	♀	Soriculus fumidus	teats swollen		126-50-14-9-8gm
④④	1212	♀	.. ..	teats swollen		124-51-14-9-9gm
⑫④	1213	♀	.. ..	teats swollen preg.	0+3=6 l2 r1 CR 2mm	124-51-14-8-7gm
⑰3	1214	♀	.. ..	teats swollen preg.	l2 r2 CR 1mm	126-51-15-8-8gm
⑨⑥	1215	♀	.. ..	teats swollen		137-56-16-9-8gm
②	1216	♀	Niviventer confucianus = cultratus	teats swollen	placental scars	384-219-35-15-104gm
⑧	1217	♂	.. ..	scrotal 20×12	visible	368-215-35-15-94gm
②8	1218	♂	Microtus Kikuchi	scrotal 8×6	visible sv swollen	213-85-25-16-49.5gm

H. T. Yu

1990

Catalog

2 km down from Pai-Yun Hostel on trail to Ta-Ta-jia saddle, Alishan Township, Chiayi Co., Taiwan 3220 m

3220 m

1 May

(50)	1219	♂	Microtus kikuchi	scrotal 8×5	visible sv swollen		209-84-25-15-47.5 gm
(54)	1220	♂	"	"	scrotal 8×5	visible sv swollen	205-80-26-15-47.5 gm
(99)	1221	♂	"	"	scrotal 7×5	visible sv swollen	214-84-25-16-46 gm
(168)	1222	♀	"	"		vo l2 CRL 10 mm	211-85-25-16-50 gm
(35)	1223	♂	Apodemus semotus	preg. scrotal 18×10	visible		210-112-25-16-26 gm
(30)	1224	♀	"	"	teats swollen	placental scars	220-125-25-16-25 gm
(409)	1225	♂	"	"	scrotal 20×12	visible	220-118-26-16-30 gm
(118)	1226	♀	"	"	teats swollen	placental scars	213-115-24-16-24 gm
(38)	1227	♀	"	"	null.		167-77-25-16-20.5 gm
(5)	1228	♂	"	"	not scrotal 6×4	not visible	175-94-23-15-16 gm
(110)	1229	♀	"	"	null.		170-91-22-16-15 gm
(97)	1230	♀	"	"	null.		196-106-26-16-19.5 gm
(61)	1231	♀	"	"	null.		177-97-24-16-15 gm
(405)	1232	♂	"	"	not scrotal 8×3	not visible	193-101-24-16-19 gm
(7)	1233	♂	"	"	scrotal 18×10	visible	215-112-25-16-30 gm
(17)	1234	♂	"	"	scrotal 18×10	visible	216-110-25-16-25.5 gm
(29)	1235	♀	"	"	teats swollen	placental scars	220-121-25-17-26.5 gm
(184)	1236	♀	"	"	teats swollen	placental scars	206-109-24-17-29.5 gm
(408)	1237	♀	"	"	~~null.~~ preg.	l2 r2 CRL 8 mm	205-110-25-16-25.5 gm

2 May

(66)	1238	♀	Soriculus fumidus				118-52-13-8-6 gm
(107)	1239	♀	"	"	teats swollen		120-49-14-9-7.5 gm
(51)	1240	♂♀	Apodemus semotus		~~not scrotal~~ null.	~~not visible~~	144-78-21-15-8 gm
(102)	1241	♀	Tamiops		null.?		248-108-35-16-75 gm

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Catalog

2 km down from Pai-Yun Hostel on trail to Ta-Ta-Jia saddle, Alishan Township, Chiayi Co., Taiwan 3220 m

3220 m

1 May						
(29)	1242	♂	Niviventer confucianus = culturatus	not scrotal 6×3	not visible	254-143-31-22-38 gm
(401)	1243	♀	Microtus Kikuchi	preg. r2 l0	CRL 6 mm	210-82-25-15-46 gm
(7)	1244	♀	" "	null.		x-85-25-16-36+ gm
(99)	1245	♀	" "			210-78-25-16-43 gm
(61)	1246	♂	Apodemus semotus	not scrotal 6×3	not visible	177-95-24-15-18 gm
(191)	1247	♀	" "	teats swollen	placental scars visible	214-116-25-17-25 gm
(24)	1248	♂	" "	scrotal 17×10		215-117-26-16-23 gm
(409)	1249	♂	" "	scrotal 17×10	visible	152-54-25-16-26.5 gm

3 km up from Pai-Yun Hostel on trail to Yun-Feng camp site, Alishan Township, Chiayi Co., Taiwan 3650 m

3650 m

2 May						
(410)	1250	♀	Soriculus fumidus	preg. l2 r2	CRL 5 mm	133-57-15-9-9 gm
(20)	1251	♀	" "	null.		124-50-14-9-8 gm
(111)	1252	♂	Microtus kikuchi	scrotal 8×5	visible sr swollen	198-78-24-15-46 gm
(120)	1253	♀	Apodemus semotus	null.		196-110-24-16-17 gm
(143)	1254	♂	" "	not scrotal 5×3	not visible	195-112-25-16-19.5 gm
(138)	1255	♂	" "	not scrotal 7×4	not visible	197-109-26-17-21 gm
(415)	1256	♀	" "	null.		203-113-25-17-20 gm
(15)	1257	♂	" "	scrotal 15×8	visible	125-33-25-15-21 gm
(411)	1258	♀	" "	null.		197-106-25-17-17 gm
(414)	1259		金屬			78 gm
(170)	1260		林鳥			16 gm

H. T. Yu

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Catalog

3 Km up from Pai-Yun Hostel on Trail to Yun-Feng camp site, Alishan Township, Chiayi Co., Taiwan, 3650 m

3 May — 3650 m

(88)	1261	♂	Apodemus semotus	scrotal 20×12	visible	225-120-25-17-29.5 gm
(117)	1262	♂	"	"	scrotal 18×10	visible	163+-66+-25-16-22 gm
(410)	1263	♂	"	"	barely scrotal 12×7	visible	169+-74+-25?7-20 gm
(20)	1264	♂	Soriculus fumidus		6×4	visible sv swollen	113+-43+-14-10-7 gm
(412)	1265	♂	Microtus Kikuchi		scrotal 8×6	visible mass in mouth	190-74-24-15-41 gm

2 Km down from Pai-Yun Hostel on trail to Ta-Ta-Jia saddle, Alishan Township, Chiayi Co., Taiwan 3220 m

3 May — 3220 m

(401)	1266	♂	Apodemus semotus		scrotal 17×10	visible	213-118-25-17-26 gm
(99)	1267	♂	"	"	scrotal 18×10	visible	204-110-25-17-21 gm
(59)	1268	♂	Niviventer confucianus = culturatus		scrotal 20×12	visible	352-202-34-25-86 gm
(47)	1269	♀	"	"	teats swollen		376-221-35-25-98 gm
(409)	1270	♂	Microtus Kikuchi		scrotal 8×6	visible sv swollen	216-85-26-17-52 gm
(24)	1271	♂	"	"	scrotal 9×6	visible sv swollen	224-92-27-17-56 gm
(4)	1272	♀	"	"	preg. +2 lo CRL 5 mm		170+-48+-24-15-43 gm
(124)	1273	♂	"	"	scrotal 7×6	visible sv swollen	201-84-25-17-41 gm
(57)	1274	♀	Soriculus fumidus		teats swollen	preg. +2 l2 CRL 5 mm	115-48-14-8-7.5 gm
(61)	1275	♀	"	"	teats swollen		121-48-15-9-8 gm
(73)	1276	♂	"	"		sv not swollen not visible	128-58-14-8-5 gm
(107)	1277	♂	"	"	2×1	visible sv swollen	120-51-14-8-7 gm
(193)	1278				5×4		13 gm

台灣林姬?

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Catalog

3 km up from Pai-Yun Hostel on trail to Yun-Feng campsite, Alishan Township, Chiayi Co., Taiwan 3650 m

3650m

3 May

(143) 1279 林鵰 15gm

(141) 1280 林鵰 金眉 78gm

4 May

(117) 1281 ♀ Apodemus semotus mull. 205-114-25-17-24gm

(11) 1282 ♀ " " mull. 210-110-25-15-25gm

(176) 1283 ♀ " " mull. 198-106-25-16-18gm

(65) 1284 ♀ Microtus kikuchi preg. rili CRL 8mm 200-75-23-16-50gm

NTU (198) 1285 ♂ 未審 20.5gm

NTU (145) 1286 林鵰 14.5gm

2 km down from Pai-Yun Hostel on trail to Ta-Ta-Jia saddle, Alishan Township, Chiayi Co., Taiwan 3220 m

3220 m

4 May

(66) 1287 ♀ Soriculus fumidus mull. 124-52-14-9.6gm

(407) 1288 ♀ " " mull. 110-48-13-8-5gm

(64) 1289 ♀ Microtus kikuchi mull. 145-59-22-12-17gm

(99) 1290 ♂ " " scrotal 8×6 visible SV swollen 217-89-25+8-51gm

(84) 1291 ♂ " " scrotal 8×6 visible SV swollen 217-88-26+6-49gm

(8) 1292 ♀ " " preg. rili CRL 2mm 213-86-25-X-45+gm

(173) 1293 ♂ " " scrotal 8×6 visible SV swollen 214-85-25-17-52gm

5 May

(407) 1294 ♀ Soriculus fumidus mull. 119-51-13-8-5.5gm

(195) 1295 ♂ " " 5×4 visible SV swollen 120-45-13-9-6gm

(23) 1296 ♂ " " 5×4 visible SV swollen 120-47-13-9-7.5gm

(75) 1297 ♂ Niviventer confucianus = cultratus scrotal 23×12 visible SV swollen 231+-70+-35-25-101gm

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Catalog

2 km down from Pai-Yun Hostel on trail to Ta-Ta-Jia saddle, Alishan Township, Chiayi Co., Taiwan, 3220 m

3220 m

5 May

(97)	1298	♂	Apodemus semotus	not scrotal 5×3	not visible	195-107-23-16-18 gm
(102)	1299	♂	.. ..	not scrotal 8×6	not visible	192-98-25-16-20 gm
(47)	1300	♀	Microtus Kikuchi	null.		218-87-23-15-48 gm
(103)	1301	♂	.. ..	scrotal 8×5	visible sv swollen	220-89-26-14-47.5 gm
(46)	1302	♂	.. ..	scrotal 6×5	not visible	209-82-25-17-50 gm
(87)	1303	♂	.. ..	scrotal	visible sv swollen	214-87-26-16-50 gm

On trail to Guan-Shan, Tao-Yuan Township, Kaohsiung Co., Taiwan

3000 m

12 May

3000 m

(47)	1304	♀	Soriculus fumidus	testes swollen	placental scars?	115-49-14-9-7.5 gm

On trail to Guan-Shan, Tao-Yuan Township, Kaohsiung Co., Taiwan

3300 m

13 May

3300 m

(87)	1305	♀	Niviventer confucianus =culturatus	preg. l 1 r 1 CRL 1 mm		304-175-33-22-62 gm
(39) (100)	1306	♂	Apodemus semotus	not scrotal 5×3	not visible	164-90-23-15-12 gm
(4)	1307	♂	.. ..	not scrotal 10×5	not visible	197-105-25-17-22.5 gm
(433)	1308	♂	.. ..	not scrotal 10×5	not visible	210-116-25-16-23.5 gm
(421)	1309	♂	.. ..	not scrotal 5×3	not visible	190-107-26-16-18 gm
(419)	1310	♀	Microtus kikuchi	null.		225-94-27-16-52 gm
(195)	1311	♂	.. ..	scrotal 8×6	visible sv swollen	209-84-26-17-49 gm
(33)	1312	♀	.. ..	r2 l-	CRL 2 mm	216-85-25-17-55 gm
(149)	1313	♀	.. ..	preg. l0 r2	CRL 15 mm	207-87-25-16-48 gm

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Catalog

On trail to Juan-Shan, Tao-Yuan Township, Kaohsiung Co., Taiwan — 3000 m

13 May							3000 m
(439)	1314	♀	Soriculus fumidus	testes swollen			121-52-14-10-8 gm
(454)	1315	♀	" "	testes swollen	preg.	r2 l0 CRL 8 mm	118-48-14-10-8.5 gm
(402)	1316	♀	" "	testes swollen	preg.	r2 l1 CRL 3mm	118-48-14-8-7.5 gm
(175)	1317	♂	" "	5x3	visible sv swollen		118-48-14-9-7.5 gm
(457)	1318	♂	" "	6x3	visible sv swollen		130-55-14-10-7.5 gm
(103)	1319	♂	" "	5x3	visible sv swollen		111-46-13-9-7 gm
(103)	1320	♀	" "	testes swollen			129-51-14-9-8.5 gm
(143)	1321	♀	Eothenomys melanogaster	testes swollen			128-35-16-10-20 gm
(108)	1322	♀	Microtus kikuchi	placental scars			225-92-26-18-58 gm
(47)	1323	♀	" "	preg.	l3 r0	CRL 16 mm	222-92-26-18-57 gm
(460)	1324	♀	" "	preg.	l1 r1	CRL 6 mm	211-86-26-17-47 gm
(45)	1325	♂	" "	scrotal 8x5	visible sv swollen		220-87-25-16-54 gm
(109)	1326	♀	" "	preg.	r1 l1	CRL 28 mm	207-84-25-17-54 gm
skull only	(56)	1327	?	" "	被咬		
(64)	1328	♂	" "	scrotal 10x7	visible sv swollen		212-85-26-16-58 gm
(413)	1329	♂	" "	scrotal 8x6	visible sv swollen	被咬	
(123)	1330	♂	" "	scrotal 6x5	visible sv swollen		218-91-26-15-48 gm
(13)	1331	♂	" "	scrotal 10x6	visible sv swollen		228-97-26-17-61 gm
(29)	1332	♀	Niviventer confucianus = culturatus	null.			312-168-33-25-70 gm
(17)	1333	♂	" "	scrotal 18x12	visible sv swollen		369-203-36-25-118 gm
(49)	1334	♀	" "	testes swollen	placental scars		346-193-34-25-78 gm
(18)	1335	♂	" "	scrotal 18x17	visible sv swollen		363-204-35-26-112 gm
(98)	1336	♂	" "	scrotal 18x12	visible sv swollen		406-232-36-25-124 gm
(65)	1337	♂	" "	not scrotal 10x5	not visible		358-205-35-24-78 gm

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Catalog

On trail to Juan-Shan, Tao-Yuan Township, Kaohsiung Co., Taiwan — 3000 m

13 May						3000 m
(72)	1338	♂	Niviventer confucianus = culturatus	scrotal 20×12	visible	377-206-35-25-113 gm
	1339	♀	" "	preg. l 2 r 0	CRL 13 mm	343-193-33-25-74 gm
	1340	♂	" "	not scrotal 10×5	not visible	334-187-35-25-79 gm
(407)	1341	♂	Apodemus semotus	not scrotal 5×3	not visible	196-110-24-15-17.5 gm
(462)	1342	♂	" "	scrotal 18×12	visible	225-124-25-17-27 gm
(182)	1343	♀	" "	null.		206-115-25-16-20 gm
(132)	1344	♂	" "	scrotal 18×12	visible	210-118-23-16-29 gm
(456)	1345	♂	" "	not scrotal 12×8	not visible	225-125-26-16-25.5 gm
(78)	1346	♀	" "	null.		196-106-24-17-16.5 gm
(14)	1347	♂	" "	not scrotal 8×4	not visible	197-109-25-16-20 gm
(38)	1348	♂	" "	not scrotal 5×3	not visible	190-106-24-16-21 gm
(97)	1349	♂	" "	not scrotal 7×4	not visible	198-110-24-17-19.5 gm
	1350	♀	" "	teats swollen preg. l 2 r 1	CRL 18 mm	218-115-24-16-34 gm
	1351	♀	" "	null.		198-109-24-16-20 gm
	1352	♂	" "	not scrotal 7×4	not visible	201-111-24-16-20 gm
	1353	♂	" "	not scrotal ~~8×~~ 7×4	not visible	196-101-23-17-20.5 gm
	1354	♀	" "	teats swollen preg.	l 2 r 1 CRL 20 mm	216-115-25-18-28.5 gm
	1355	♂	Tamiops	scrotal	visible	183-53-35-16-33 gm
(468)	1356		尋不到蹤影			
14 May						
(475)	1357	♂	Soriculus fumidus	6×4	visible sv swollen	117-49-14-9-8 gm
(187)	1358	♂	" "	6×4	visible sv swollen	114-49-14-9-7 gm
(439)	1359	♂	" "	6×4	visible sv swollen	111-45-14-9-7 gm
(408)	1360	♀	" "	null.		107-46-13-9-6 gm

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Catalog

On trail to Guan-Shan, Tao-Yuan Township, Kaohsiung Co., Taiwan 3000 m

14 May 3000 m

(21)	1361	♂	Eothenomys melanogaster	scrotal 6×5	visible sv swollen	123-35-16-9-17gm
(23)	1362	♀	Microtus Kikuchi	null.		21588-25-16-55gm
(70)	1363	♂	Niviventer confucianus =culturatus	scrotal [redacted] 18×12	visible sv swollen	365-203-35-25-101gm
(2)	1364	♂	" "	barely scrotal [redacted] 17×10	not visible	356-202-35-24-91gm
(17)	1365	♂	" "	scrotal 20×12	visible sv swollen	381-214-36-25-119gm
(47)	1366	♂	" "	scrotal 22×12	visible sv swollen	392-225-38-17-128gm
(427)	1367	♂	Apodemus semotus	not scrotal 6×4	not visible	205-114-24-16-23gm
(1)	1368	♂	" "	scrotal 17×10	visible	149+-50+-25-16-26gm
(444)	1369	♂	" "	barely scrotal 13×7	not visible	212-119-26-17-25gm
(93)	1370	♂	" "	barely scrotal 16×9	visible	210-116-25-17-26gm
(99)	1371	♂	" "	barely scrotal 12×8	not visible	219-119-25-16-25.5gm
(127)	1372	♂	" "	scrotal 17×10	visible	203+-103+-25-16-31gm

On trail to Guan-Shan, Tao-Yuan Township, Kaohsiung Co., Taiwan 3300 m

14 May 3300 m

(415)	1373	♀	Microtus Kikuchi	null.		213-88-26-16-46gm
(448)	1374	♂	Apodemus semotus	scrotal 17×9	visible	211-112-25-16-25gm
(421)	1375	♀	Niviventer confucianus =culturatus	null.		328-188-33-25-68gm
(96)	1376	♂	" "	not scrotal 7×4	not visible	335-195-34-24-64gm
(190)	1377		巢?			8gm

15 May

(69)	1378	♀	Tamiops	2 scrotal + 4 nipples 1+2=6 null.		246-109-35-14-82gm
(38)	1379	♀	Microtus Kikuchi			217-91-26-16-51gm
(163)	1380	♀	" "	preg.	2 r.o CRL 26 mm	216-88-26-16-56+gm

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Catalog

On trail to Guan-Shan, Tao-Yuan Township, Kaohsiung Co., Taiwan — 3300 m

15 May — 3300m

				= multituberculatus Miller			
(44)	1381	♀	Niviventer confucianus		not scrotal	not visible	371-181-34-23-57 gm
(96)	1382	♂	"	"	16×8		334-188-34-24-76 gm
(429)	1383	♀	Apodemus semotus		preg. l2 r1	CRL 15 mm	214-117-26-17-25.5 gm
(179)	1384	♂	"	"	barely scrotal 15×8	visible	211-115-25-16-24 gm
	1385	♂		棄背林鼠			15 gm
	1386			白腹林鼠			16 gm

On trail to Guan-Shan, Tao-Yuan Township, Kaohsiung Co., Taiwan — 3000 m

15 May — 3000 m

only tissue	(51)	1387	♂	Microtus kikuchi	scrotal 10×7	visible sv swollen 內夾	x-92-25-x-37+ gm
	(2)	1388	♂	Apodemus semotus	not scrotal 7×5	not visible	220-123-25-16-29 gm
	(187)	1389	♀	"	"	placental scars	209-114-24-15-25.5 gm
	(120)	1390	♂	"	"	not visible	180-97-23-16-16 gm
	(425)	1391	♀	"	"		220-121-25-17-25 gm
	(160)	1392	♂	"	"	not visible	195-110-24-15-18 gm
		1393	♀		睪背林鼠?		15 gm
		1394			小翼鸛?		17.5 gm
		1395			青背山椎		12.5 gm
	(121)	1396	♂	Eothenomys melanogaster	juv. 1×1	not visible	96-27-16-7-9 gm
16 May							
	(432)	1397	♀	Soriculus fumidus	null.		117-51-14-9-6 gm
	(70)	1398	♀	Niviventer confucianus = multituberculatus Miller	lacta swollen not scrotal 5×3	not visible	365-213-35-25-93 gm
	(25)	1399	♂	Apodemus semotus	not scrotal 5×3	visible	197-108-24-16-21 gm
	(120)	1400	♂	"	"		198-111-25-16-19.5 gm

A. H. T. Yu

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Catalog

On trail to Guan-Shan, Tao-Yuan Township, Kaohsiung Co., Taiwan — 3300 m

16 May — 3300 m

(163) 1401 ♀ Microtus kikuchi — preg. l2 r1 CRL 14 mm — 219-87-26-17-5[illegible] gm

(78) 1402 ♀ .. .. — mill. — 197-78-24-15-36.5 gm

(448) 1403 ♀ .. .. — preg. l2 r0 CRL 25 mm, clear swollen — 215-87-25-17-53 gm

(46) 1404 ♀ Apodemus semotus — 208-114-23-17-24 gm

Nan-Ao township, I-Lan Co., Taiwan from animal dealer

30 June

1405 ♀ Petaurista petaurista — mill. — 790-432-80-45-900 gm

NTU 1406 ♂ .. .. — jaw. — 752-418-78-44-850 gm

Grassland behind Taichung Veteran Hospital, Taichung City, Taiwan — 150 m

10 July 臺中市榮民總醫院後方草地 — 150 m

1407 ♂ Crocidura — 4x3 — not visible — 115-41-13-9-9 gm

1408 ♀ Rattus losea — testis swollen — l2 r2 implanted — 316-159-33-19-109 gm

10 July 臺中縣龍井鄉土平頂下 — 150 m

1409 ♂ Rattus losea — scrotal — 8x5 — not visible — 252-130-33-18-48 gm

Grassland behind Taichung Veteran Hospital, Taichung City, Taiwan — 150 m

11 July 臺中市榮民總醫院後方草地 — 150 m

1410 ♀ Crocidura — mill.

1411 ♂ Crocidura — testis 3x2

1412 ♂ Rattus losea — scrotal — 308-146-30-20-86 gm

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Catalogue # 1417-1418

California

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Grassland behind Taichung Veteran Hospital, 150 m
Taichung City, Taiwan
11 July 臺中市榮民總醫院後雜草地 150m

1413	♀	Mus caroli	testes 3+2=10 smaller		172-86-18-12-17 gm
1414	♂	Apodemus agrarius	scrotal	visible	185-90-22-13-21.5 gm
1415	♀	" "	null.		169-85-21-13-20 gm
1416	♂	" "	scrotal 18x10	visible	190-98-21-13-30+ gm

1991

caught 29 April 1991
killed 20 May

2 km NNE Orinda, Contra Costa Co., California USA. Coll. by O P Pearson on his property

1417	♂	Microtus californicus	scrotal	191-56-22-16=55 gm
1418	♀	" "	null.	186-56-21-15=42 gm

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